DEPARTMENT OF THE NAVY FY 1997 BUDGET ESTIMATES

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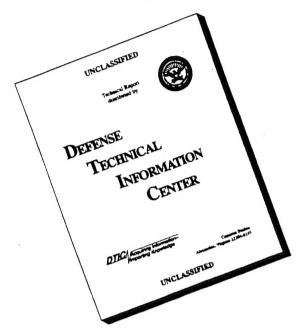
MARCH 1996

PROCUREMENT, MARINE CORPS

BUDGET ACTIVITY 4

COMMUNICATIONS AND ELECTRONICS EQUIPMENT

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PMC BUDGET BRANCH/LT_B

FY 1997 PROCUREMENT PROGRAM (\$ IN MILLIONS) **DEPARTMENT OF THE NAVY**

DATE: MARCH 1996

EXHIBIT P-1

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

,								,
FY 1997 AMOUNT	689	24.5	43.4	315.4	14.0	46.6	42.7	555.5
FY 1996 AMOUNT	188.9	52.0	24.2	218.7	22.8	81.3	50.9	638.8
FY 1995 AMOUNT	133.2	41.2	41.2	186.5	31.1	75.2	31.0	539.4
IDENT]
NOMENCLATURE	BA 1 AMMUNITION	WEAPONS & TRACKED COMBAT VEHICLES	GUIDED MISSILES & EQUIPMENT	BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	SUPPORT VEHICLES	ENGINEER & OTHER EQUIPMENT	SPARES & REPAIR PARTS	TOTAL PMC APROPRIATION
BUDGET LINE#	BA 1	BA2	BA3	BA4	BA 5	BA6	BA7	
P-1 BUDGET LINE# LINE#				٠				

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

DEPARTMENT OF THE NAVY FY 1997 PROCUREMENT PROGRAM (\$ IN MILLIONS)

DATE: MARCH 1996

EXHIBIT P-1R

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

FY 1997 AMOUNT	2.3	4.5	0.0	58.9	0.0	2.6	0.2	69.4
FY 1996 AMOUNT	1.4	14.2	4.9	8.8	0.8	8.2	0.2	38.5
FY 1995 AMOUNT	2.1	2.2	18.0	23.4	0.2	0.5	0.1	46.5
CODE								ı
NOMENCLATURE	BA 1 AMMUNITION	WEAPONS & TRACKED COMBAT VEHICLES	BA 3 GUIDED MISSILES & EQUIPMENT	BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	BA 5 SUPPORT VEHICLES	BA 6 ENGINEER & OTHER EQUEMENT	BA 7 SPARES & REPAIR PARTS	TOTAL PMC APPROPRIATION
P-1 BUDGET LINE # LINE #	BA 1	BA 2	BA 3	BA 4	BA 5	BA6	BA7	
P-1 LINE#								

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

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FY 1997 PROCUREMENT PROGRAM (\$ IN MILLIONS) DEPARTMENT OF THE NAVY

DATE: MARCH 1996

EXHIBIT P-1

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

P-1 LINE#	BUDGET LINE#	NOMENCLATURE	IDENT	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
,	BUDG	BUDGET ACTIVITY 4 - COMMUNICATIONS & ELECTRONICS EQUIPMENT	IPMENT			
96	402700	MANDACK RADIOS & FOUIDMENT		0 00	141	00
27	414500	TSC-96 PIP FLEET SATELLITE COMMUNICATION TERMINAL	ij	0.5	0.0	0.0
78	421300	JTIDS INTG		5.0	6'9	0.0
29	440200	AUTO TEST EQUIP		2.1	12.0	12.2
30	442900	GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT		3.7	6.1	9.8
31	451000	SINCGARS RADIO SYSTEM		65.8	47.0	0.0
32	455500	MODIFICATION KITS (TEL)		1.1	1.1	0.0
33	456700	ITEMS LESS THAN \$2 MILLION (TEL)		2.2	1.4	0.0
34	458800	POSITION LOCATION REPORTING SYSTEM (PLRS)		0.001	0:0	0.0
35	459400	TACTICAL AIR OPERATIONS MODULE (TAOM)		3.7	2.4	0.0
36	459700	ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC)	_	0.0	9.1	0.0
37	461000	MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS)	(TACCS)	8.0	0.0	0.0
38	461100	ADVANCE FIELD ARTILLERY TACTICAL DATA SYSTEM (MAFATDS)	(AFATDS)	5.3	11.9	0.0
39	461300	TACTICAL COMBAT OPERATIONS		0.0	10.8	0.0
9	468300	AN/TPQ-36 FIREFINDER RADAR UPGRADES		0.0	0.0	30.4
41	474400	METEOROLOGICAL SYSTEMS		9.4	0.0	0.0
42	474700	INTELLIGENCE SUPPORT EQUIPMENT		14.4	44.3	26.4
43	474900	MODIFICATION KITS (INTEL)		0.1	6.0	12.0
4	475100	ITEMS LESS THAN \$2 MILLION (INTEL)		1.0	1.7	0.0
45	481000	ELECTRONIC TMDE REPAIR FACILITY		0.7	0.0	0.0
46	483700	GENERAL PURPOSE MECHANICAL TMDE		1.0	3.0	3.0
47	493000	NIGHT VISION EQUIPMENT		39.3	7.1	17.2
48	494200	ADP EQUIPMENT		16.5	23.0	0.0
49	463100	COMMAND POST SYSTEMS		0.0	0.0	11.4
20	463200	MANEUVER C2 SYSTEMS		0.0	0.0	9.7
51	463300	RADIO SYSTEMS		0.0	0.0	52.9
22	463400	COMMUNICATIONS SWITCHING & CONTROL SYSTEMS		0.0	0.0	16.9

04/03/96

UNCLASSIFIED

FY 1997 PROCUREMENT PROGRAM **DEPARTMENT OF THE NAVY**

(\$ IN MILLIONS)

DATE: MARCH 1996

EXHIBIT P-1

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

0.3 2.6 5.3 7.7 0.0 0.0 53.6 FY 1997 AMOUNT 0.0 0.0 0.0 0.0 0.0 0.0 3.3 AMOUNT FY 1996 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5.1 FY 1995 AMOUNT IDENT TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT TEST, CALIBRATION & MAINTENANCE SUPPORT NOMENCLATURE MARINE ENCHANCEMENT PROGRAM MODIFICATION KITS MAGTF C41 AIR OPERATIONS C2 SYSTEMS MODIFICATION KITS (OTHER) ITEMS < \$2M MAGTF C4I ITEMS < \$2M (OTHER) BUDGET 463500 463600 463800 LINE# 463700 463900 464000 494000 495700 LINE#

*** BUDGET ACTIVITY 4 TOTAL ***

MODIFICATION KITS (NONTEL) ITEMS LESS THAN \$2 MILLION (NONTEL)

496900 498400

315.4 218.7 186.5

04/03/96

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FY 1997 PROCUREMENT PROGRAM (\$ IN MILLIONS) DEPARTMENT OF THE NAVY

EXHIBIT P-1R DATE: MARCH 1996 FY 1997 AMOUNT FY 1996 AMOUNT FY 1995 AMOUNT DENT APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS NOMENCLATURE P-1 BUDGET LINE# LINE#

				25	2.5
8 Q	468300	AD VANCE FIELD AKTILLER I IACIICAL DATA STSTEM (MAFALDS) ANTPO-36 FIREFINDER RADAR UPGRADES	1.7	2.8	0.00
41	474400	METEOROLOGICAL SYSTEMS	2.0	0.0	0.0
42	474700	INTELLIGENCE SUPPORT BOUNDMENT (TRSS)	4	00	0.0
2 :	001111	THE PROPERTY OF THE PROPERTY O		0.0	0.0
46	483/00	GENERAL PURPOSE MECHANICAL IMDE	0.0	0.3	9.0
47	493000	NIGHT VISION EQUIPMENT	13.2	0.0	0.0
20	463200	MANEUVER C2 SYSTEMS	0.0	0.0	9.0
51	463300	RADIO SYSTEMS (SINCGARS)	0.0	0.0	30.8
52	463400	COMMUNICATIONS SWITCHING & CONTROL SYSTEMS (ULCS)	0.0	0'0	2.2
54	463600	MODIFICATION KITS MAGTF C41	0.0	0.0	10.7
59	494000	MARINE ENCHANCEMENT PROGRAM	0.0	0.0	1.5
61	496900	MODIFICATION KITS (NONTEL)	0.2	1.4	0.0
		*** BUDGET ACTIVITY 4 TOTAL ***	23.5	8.8	59.1
					1

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Program and Financing (in Thousands of dollars)

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			Budget Plan action	Budget Plan (amounts for actions programed)	PROCUREMENT		Obligations	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Identifi	Identification code	de 17-1109-0-1-051	1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
	Program by activities: Direct program: Ammunition	tivities: ram: n		1				
00.0201	Weapons	Weapons and combat vehicles	41,200	51,977	24,481	4,062	710 001	55,107
00.0301	Cuided mi		41,216	24,208	43,460	53,866	20.080	38,907
00.0501	Support vehicles	communications and electronics equipment Support vehicles	186,527	218,696	315,393	201,154	208,168	294,325
00.0601	Engineer	Engineer and other equipment	75,160	22,859	13,972	31,838	25,198	16,164
00.0701	Spares an	Spares and repair parts	30,975	50,886	42,664	35,833	41,961	53,244
00.9101	Total dir	Total direct program	406,226	449,951	555,507	443,396	493,416	531,580
01.0101	Reimbursable program	e program	3,911	9,400	9,400	3,838	13.067	9 400
10.0001	Total		410,137	459,351	564,907	447,234	506,483	540.980
11.0001 13.0001	Financing: Offsetting collect Federal funds(-) Trust finds(-)	nancing: Offsetting collections from: Federal funds() Trust funds(-)	-3,795	-9,400	-9,400	3,080	-9,400	-9,400
17.0001	Recovery of Unobligated	Recovery of prior year obligations Unobligated balance available start of more	911-			-369 -17,148		
21.4002 21.4003 21.4009	For comple Available Reprogram:	For completion of prior year budget plans Available to finance new budget plans Reprograming from/to prior year budget plan	-6,600	-378		-190,167	-159,153	-112,021
24.4002 24.4003 25.0001	For comple Available Unobligated	For completion of prior year budget plans Available to finance subsequent year budget Unobligated balance expiring	378			159,153 378 4,443	112,021	135,948
39.0001	Budget &	Budget authority	400,004	449,573	555,507	400,004	449,573	555,507
40.0001 41.0001 42.0001	Budget authority Appropriation Transferred to Transferred fr	dget authority: Appropriation Transferred to other accounts (-) Transferred from other accounts	419,444 -20,240 800	454,765 -6,087 895	555,507	419,444 -20,240	454,765	555,507
43.0001	Appropri	Appropriation (adjusted)	400,004	449,573	555,507	400,004	449,573	555, 507

Program	Program and Financing (in Thousands of dollars)	ng (in Thousands of dollars	lars)			00 MAR 96
	Budget Plan (amounts for PROCUREMENT actions programed)	Plan (amounts for F actions programed)	ROCUREMENT	; ; ; ; ; ; ; ; ; ; ;	Obligations	
Identification code 17-1109-0-1-051	1995 actual 1996 est.	1996 est.	1997 est.	1995 actual	1995 actual 1996 est. 1997 est	1997 est.
Relation of obligations to outlays: 71.0001 Obligations incurred 72.4001 Obligated balance, start of year 74.4001 Obligated balance, end of year 77.0001 Adjustments in expired accounts 78.0001 Adjustments in unexpired accounts 90.0001 Outlays (net)	ays: ear ts (net) unts	:		449,945 497,083 531,580 1,036,638 851,409 820,396 -821,409 -820,396 -786,755 -20,759 -17,148	497,083 851,409 -820,396 528,096	531,580 820,396 -786,756

Procurement, Marine Corps Object Classification (in Thousands of dollars)

Identification code 17-1109-0-1-051 1997 est. 1997 est.	1995 actual	1996 est.	1997 est.
Direct obliqations:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
125.101 Advisory and assistance services	4.636	3.101	4.552
120.001 Supplies and materials	174,721		225,883
בייסי בלתובוור	264,039	324,987	301,145
	1	1111111	111111111
155.001 local Direct obligations	443,396	493,416	531,580
Reimbursable obligations:			
analytic rooting	3,838	13,067	9,400
200 001 Ect. Doimhing-Listing	3 9 7 1 3 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
275.001 IOCAL MELHBUISADIE ODIIGATIONS	3,838	13,067	9,400
000 001 motor 12 12 12 12 12 12 12 12 12 12 12 12 12		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ess.sur iotai obligations	447,234	506,483	540,980

Comparison of FY 1995 Program Requirements as Reflected in the FY1996 Budget with the FY 1995 Requirements as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (In millions of Dollars)

	NOMENCLATURE	Total Program Requirements per FY 1996 Budget	Total Program Requirements per FY 1997 Budget	Increase or decrease (-)
BA 1	BA 1 AMMUNITION (PANMC)	135,3	133.2	-2.1
BA 2	BA 2 WEAPONS & TRACKED COMBAT VEHICLES	30.3	41.2	10.9
BA 3	BA 3 GUIDED MISSILES & EQUIPMENT	49.9	41.2	-8.7
BA 4	COMMUNICATIONS & ELECTRONICS EQUIPMENT	196.3	186.5	7.6-
BA 5	SUPPORT VEHICLES	27.8	31.1	3.3
BA 6	ENGINEER & OTHER EQUIPMENT	76.6	75.2	-1.4
BA 7	SPARES & REPAIR PARTS	37.3	31.0	6.9
	Subtotal Direct Program	553.5	539,4	-14.1
	Reimbursable	9,4	9.6	-5.5
	Total Fiscal Year	562.9	543.3	-19,6

Comparison of FY 1995 Program requirements as Reflected in the FY 1996 Budget with the FY 1995 Requirements as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

1. Ammunition (-\$2.1)

The Rockets, All Types line in the Procurement of Ammunition Navy and Marine Corps Appropriation (PANMC) had an excess of funds and was rescinded in section 8092 Ship Cost Adjustments (-\$2.1).

2. Weapons and Tracked Combat Vehicles (\$10.9)

All changes were the result of minor execution adjustments (\$10.9).

3. Guided Missiles and Equipment (-\$8.7)

All changes were the result of minor execution adjustments (-\$8.7).

4. Communications and Electronics Equipment (-\$9.7)

Funds were reduced from the Intelligence Support Equipment and Automated Data Processing Equipment Lines as part of approval of the Omnibus reprogramming (-\$12.4). The remainder was due to minor execution adjustments (\$2.7).

5. Support Vehicles (\$3.3)

All changes were the result of minor execution adjustments (\$3.3).

6. Engineer and Other Equipment (\$1.4)

All changes were the result of minor execution adjustments (\$1.4).

7. Spares and Repair Parts (-\$6.3)

All changes were the result of minor execution adjustments (-\$6.3).

Comparison of FY 1995 Financing as Reflected in the FY1996 Budget with the FY 1995 Financing as shown in the FY 1997 Budget

Summary of requirements (In millions of Dollars)

	Financing	Financing
Description	per FY 1996 Budget	per FY 1997 Budget
Program Requirements (Total)	562.9	543.3
(Total Direct)	(553.5)	(539.4)
(Total Reimbursable)	(9.4)	(3.9)
Less: Anticipated Reimbursements Appropriation Rescinded	(9.4)	(3.9) (14.9)
Add: Transferred from Other Accounts		0.8
Appropriation (Adjusted)	553.5	525,3

Comparison of FY 1995 Financing as Reflected in the FY 1996 Budget with the FY 1995 Financing as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

Explanation of Changes

The decrease in program financing represents Congressional Action of the FY 1996 Presidents Budget. The following programs Omnibus Reprogramming (-\$12.4). The Drug Interdiction Program received funds from the Procurement Defense-Wide Appropriation (-\$2.5). The Intelligence Support Equipment (-\$9.0) and ADPE (-\$3.4) Programs were reduced due to Congressional approval of the Interdiction Program. The Rockets (-\$2.1) and ADPE Programs (-\$0.4) were reduced as a result of Congressional Action (sec 8092) were affected: Rockets, All types, Intelligence Support Equipment, Automated Data Processing Equipment (ADPE), and the Drug

Comparison of FY 1996 Program Requirements as Reflected in the FY1996 Budget with the FY 1996 Requirements as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (In millions of Dollars)

	NOMENCLATURE	Requirements per FY 1996 Budget	Requirements per FY 1997 Budget	or decrease (-)
BA 1	BA 1 AMMUNITION (PANMC)	110.9	188.9	78.0
BA 2	BA 2 WEAPONS & TRACKED COMBAT VEHICLES	39.1	52.0	12.9
BA 3	BA 3 GUIDED MISSILES & EQUIPMENT	31.0	24.2	-6.8
BA 4	BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	166.6	218.7	52.1
BA 5	SUPPORT VEHICLES	24.1	22,9	-1.3
BA 6	ENGINEER & OTHER EQUIPMENT	50.6	81.3	30.8
BA 7	BA 7 SPARES & REPAIR PARTS	52.0	50.9	1.1
	Subtotal Direct Program	474.1	638.8	164.7
	Reimbursable	9,4	9.4	0.0
	Total Fiscal Year	483.5	648.2	164.7

Comparison of FY 1996 Program requirements as Reflected in the FY 1996 Budget with the FY 1996 Requirements as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

1. Ammunition (\$78.0)

Congressional Increases: 7.62 MM, All Types; .50 Caliber, All Types; 81MM HE; 155mm Red Bag; Fuze, M762; Grenades, All Types; and Items Less than \$2 million (\$92.3). Decreases included prorated reductions for revised economic assumptions (-\$4.3) and a Procurement of Ammunition Navy and Marine Corps received Congressional Increases. The following rounds received proposed fiscal year 1996 rescission resulted in a reduction to the \$1MM HE round (-\$10.0).

2. Weapons and Tracked Combat Vehicles (\$12.9)

The Modification Kits (Tracked Vehicle) Program received a Congressional Increase (\$12.3). Revised economic assumptions reduced funds (-\$1.1) and minor execution adjustments increased funding (\$1.7).

3. Guided Missiles and Equipment (-\$6.8)

Revised economic assumptions resulting in a prorated reduction (-\$0.5). The remainder was due to minor execution adjustments (-\$6.3)

4. Communications and Electronics Equipment (\$52.1)

assumptions reduced funding (-\$4.5) and a fair share distribution of a Congressional ADP adjustment also reduced funds (-\$0.2). Communications and Electronics Equipment received Congressional Increases (\$38.0). Additionally, revised economic remainder was due to minor execution adjustments (\$18.5).

5. Support Vehicles (-\$1.3)

The Trailer Program received Congressional Increases (\$5.5). Also, revised economic assumptions reduced funding (-\$0.6). The remainder was due to minor execution adjustments (\$6.2)

6. Engineer and Other Equipment (\$30.8)

prorated reductions (-\$1.8) and a transfer from O&M, MC increased funding for expense/investment limitations (\$0.9). The remainder The Training Devices Program received Congressional Increases (\$38.6). Also, revised economic assumptions resulted in was due to minor execution adjustments (-\$6.9).

7. Spares and Repair Parts (-\$1.1) Revised economic assumptions reduced funding for Spares and Repair parts (-\$1.1).

Comparison of FY 1996 Financing as Reflected in the FY1996 Budget with the FY 1996 Financing as shown in the FY 1997 Budget

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Summary of requirements (in millions of Dollars)

	Financing per	Financing per
Description	FY 1996 Budget	FY 1997 Budget
Program Requirements (Total)	474.1	648.2
(Total Direct)	(464.7)	(638.8)
(Total Reimbursable)	(9.4)	(8.4)
Less: Anticipated Reimbursements Appropriation Rescinded	(9.4)	(9.4)
Add: Transferred from Other Accounts		6.0
Appropriation (Adjusted)	464.7	639.7

Comparison of FY 1996 Financing as Reflected in the FY 1996 Budget with the FY 1996 Financing as shown in the FY 1997 Budget

Summary of Requirements (In millions of Dollars)

Explanation of Changes

The increase in program financing represents Congressional Action of the FY 1996 President's Budget. Congressional Increases to high priority Marine Corps Programs resulted in increases totaling \$188.0 million.

Reductions totaling \$14.0 million were prorated against all procurement programs due to section \$125 revised economic assumptions Command Support Equipment Program had funds transferred from O&MMC due to expense\investment threshold limitations (\$0.9). Additionally, other Congressional Action of the FY 1996 President's Budget had the following impacts: the Automated Data Processing Equipment Program was reduced due to Section 8101 of the fiscal year 1996 DoD appropriations Act (-\$0.2). The (-\$14.0)

Lastly, the 81 MM HE Round was partially recommended for rescission (-\$10.0).

0.0 FY 2001 041311 0.0 RCN: 2000 protocol mandated by the Joint Chiefs of Staff; non-DAMA will not be allowed to communicate by satellite after 30 Sep 96. The AN/PSC-5 provides embedded Communications Security (COMSEC) and encrypted voice and data capabilities, ensuring multi-service interoperability with most existing and planned communications systems. In addition to voice and data, the AN/PSC-5 interfaces with facsimle, teletype, NET radio Interface (NRI), and Frequency Modulation FM retransmission media, such as SINCGARS. The AN/PSC-5 is a lightweight, manportable UHF satellite communications (SATCOM) terminal that will provide long-range single channel communications. The AN/PSC-5 incorporates the Demand Assigned Multiple Access (DAMA) FΥ (DAMA) MANPACK RADIOS AND EQUIPMENT 0.0 FY 1999 The AN/PSC-5 incorporates the Demand Assigned Multiple Access DATE 0.0 FY 1998 P-1 ITEM NOMENCLATURE: 0.0 c FY 1997 BUDGET ITEM JUSTIFICATION SHEET 440 14.1 FY 1996 0.001 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS **QUANTITY**

ACQUISITION OBJECTIVE: 645

FY 93: 80 = 12% OF AO FY 96: 520 = 81% OF AO

FY 97 PROCUREMENT IN BLI 463300

FY 95 FUNDING WAS TO HOLD THE LINE OPEN.

BLI NR. 402700

P-1 SHOPPING LIST ITEM NO. PAGE NO.

EXHIBIT P-40

26

	OST			h.				0	P-5
D. DATE	QTY TOTAL COST								EXHIBIT P-5
REK NAME STATE SNAVOX, TEXAS	FY 1997 UNIT COST								
C. MANUFACTORER NAME PLANT CITY/STATE LOCATION MAGNAVOX, RICHARDSON, TEXAS	QTY TOTAL COST	440		283	16 143	64	(67) (13432) (700)	14132	
OLAR NAME UHF TERMINAL	FY 1996 UNIT COST	31,004			8,958				
B. WEAPON MODEL/SERIES/POPULAR NAME AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) (RCN: 041311)	QTY TOTAL COST		Н				(1)	1	ING LIST PAGE NO.
B. WEAPON MODEL/SERIES/POPULAR NAME AN/PSC-5 ENHANCED MANPACK UHF TERMII (EMUT) (RCN: 041311.)	FY 1995 UNIT COST								P-1 SHOPPING LIST ITEM NO. PAGE N 26 2
N/BUDGET NO: LRINE CORPS									
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4			5						
	IDENT. CODE	A0917	E LINE OPE						402700
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	AN/PSC-5 (EMUT)	FY95 FUNDING IS TO HOLD THE LINE OPEN	SPECIAL TEST EQUIP	MOUNTS/PWR ADAPTERS	FACTORY TRAINING	INITIAL SPARES TOTAL ACTIVE COST	TOTAL COST	BLI NR.

	R	PROCUREMENT HISTORY	28	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:	MENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVIT		7		AN/PSC-5 EN	HANCED MANP	AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) RCN: 4133	IINAL (EI RCN: 4	41331	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
AN/PSC-5										
FY 96	MAGNAVOX RICHARDSON, TX	C/FFP/O	СЕСОМ	APR 96	SEP 98	440	31,004	×	z	
VEHICLE MOUNTS W/PWR ADAPTERS										
FY 96	ROCKWELL	C/FFP/O	MARCOR	APR 96	SEP 97	16	8,958	¥	z	-
REMARKS:				·						
BLI NR.	402700			P-T	P-1 SHOPPING LIST	IST PAGE NO			EXHIBI	EXHIBIT P-5A
		7		26	e e	3				

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 1. CURRENT DEVELOPMENT AND TEST STATUS	ат ментитту				The state of the s		
	מו שרוואיוי	4	P-1 ITEM NOMENCLATURE: AN/PSC-5	NCLATURE: AN/PSC-5 ENHANCED MANPACK UHF TERMINAL	MANPACK UHF TE	ERMINAL (EMUT) RCN.	041311
	EST STATUS				SCHEDULE DATE		
			CURRENT	LAST REPORTED		REASON FOR	DELAY
	ation (DT&E)	Plan/Actual	NDI				
b. Initial Operational Test & Evaluation (IOT&E)	Evaluation (IOT&E)	Plan/Actual					
	ion (OT&E)	Plan/Actual	AR96*AUG96**	MAR 95	S/W INTEGRATION	TION	
d. Available Date of Technical Data Package (TDP or Darformance Specifications	1 Data Package (TDP	Plan/Actual	OCT 92	OCT 92			
or Ferroman name on announce	actons						
. ESTITMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:		MAR 96				
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: required for satellite access after 30 sep 96, improved COMSEC, reliability,	after 30 sep 96, im	TO BE REPLACED: proved COMSEC,	D: , reliability,		have DAMA pr	otocol capabilit	>-
DEVE	MATION	(RDT&E Fundin	Funding Profile - \$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT		-	CY (FY1995)	BY (FY1996)	BEYOND BY
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TOTAL RDT&E FUNDING			· 100	0	0.019		A 4
REMARKS: *ASU WILL BE BASED ON 1ST ARTICLE TEST COMPLETED IN MAR ** AUTHORIZES THE INITIAL MATERIAL RELEASE OF THE RADIOS.	1ST ARTICLE TEST CC RIAL RELEASE OF THE	MPLETED IN M. RADIOS.	4R 95.				
BLI NR. 402700			D-1 CHO.	mort Partagons			
				PPING LIST PAGE NO.			EXHIBIT P-19
1							

APPROVED ACQUINATION OBJECTIVE

PROGRAM NAME: PSC-5

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	92 118 210
INITIAL ISSUE	
I MARINE EXPEDITIONARY FORCE:	151
II MARINE EXPEDITIONARY FORCE:	151
III MARINE EXPEDITIONARY FORCE:	109
SELECTED MARINE CORPS RESERVE:	22
SUPPORT ESTABLISHMENT:	2
NORWAY AIR LANDED BRIGADE:	0
TOTAL:	435
APPROVED ACQUISITION OBJECTIVE	645

TAMCN/DODIC: ACQUISITION OBJECTIVE:	A0917 645	ITEM NAME: RCN:	AN/PSC-5 ENHANC 41311	BNHANCE MANPACK UNF TERMINAL 311	MINAL
GAINS: *FY BUDGET *OTHER TOTAL	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996 440	FY 1997
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER		0	0	0	0
NET CHANGE (+/-)		0	0	440	0
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	08	80	80	520	
TOTAL \$M VALUE	\$ 3.0	\$ 3.0	\$ 3.0	\$ 17.2	0
% A/O ON HAND/FUNDED	12 %	12 %	12 %	81 %	ok 0
COMMENTS: FY 97 AND BEYOND MOVES TO BLI 463300, RADIO	O BLI 463300, RADI	SYSTEMS.	FY 1996 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 14.2 M
BLI NR. 402700		P-1 SHOP ITEM NO. 26	SHOPPING LIST PAGE NO.		EXHIBIT P-20A

BUDGET ACTIVITY: PROCUREHENT MARINE CORPS/BUDGET ACTIVITY S PROGRAM QUANTITY	TURER	AH/PSC-5/HAGHAVOX BA	<u>a</u>	AH/PSC-5/HAGHAVOX EA	AN/PSC-5/HAGNAVOX EA	AN/PSC-5 (RESERVES)**	WICLE NOUNTS EA						TOTAL:		
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0.0 0 FY 2001 The AN/TSC-96A is an Ultra-High Frequency (UHF) Satellite Communications Central used at the Marine Expeditionary Force, Wing, Division, and Force Service Support Group Headquarters which provides record message traffic and secure voice communications out of Communications Network on a world-wide, terrain independent basis. It provides standard termination in the Defense Communications subsystem and provides access to the Navy's Common User Digital Information Exchange Subsystem (CUDIXS) and the Fleet Secure Voice System. This program will replace Secure Voice with Advanced Narrowband Digital Voice Terminal (ANDVT), upgrade Communication Security equipment and add Demand Assigned Multiple Access (DAMA) to CUDIXS -- all required for interoperability. Also, it will 140132 replace the current computer system with one that adds increased data processing and data storage capability and supportability, add a PC computer LAN for message distribution and refit the current two shelter configuration into a single, improved S-280c/G shelter. AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL and within the Amphibious Objective Area and within the Naval Telecommunications System. It receives the Fleet Broadcast RCN: 0.0 FY 2000 AN/TSC-96A END ITEM 0.0 C 1999 DATE FY FEB 96 0.0 0 INSTALLATION 1998 BEGIN: FY END: 0.0 NAWC(AD), ST INIGOES, MD 1997 FY 97 0 0 FY INSTALLATION AGENCY 0.0 0 FY 1996 FY 96 0 0 0.5 BUDGET ITEM JUSTIFICATION SHEET 90% of A/O AN/TSC-96A 100% of A/O FY 1995 0.534 0.534 FY 95 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Models of Systems Affected: AN/TSC-96A MOD The Aquisition Objective is 10. APPROPRIATION/BUDGET ACTIVITY: This item is Code A. Modification Title: 10 COST (IN MILLIONS) FY94 and prior: FY95 AN/TSC-96A TOTAL QUANTITY

414500 MR. BLI

PAGE NO P-1 SHOPPING LIST ITEM NO. 27

TDEMT. TOWN PY 1996 QUY COOP TOWN COOP T	WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MOI AN/TSC-96A SAJ CENTRAL (RCN: 140132)	B. WEAPON MODEL/SERIES/POPULAR NAME AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL (RCN: 140132)	ULAR NAME ICATIONS	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NAWC(AD)ST. INIGOE	H H	D. DATE
NITON COSTS	WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
TEST DOLIFHENT TEST DOLIFHENT TEST COLIFICATION TEST TEST TEST TEST TEST TEST TEST TEST	AN/TSC-96A	æ		315,418					
THEN LOGISTICS SPT TED LOGISTICS SPT THEN NO. PAGE NO.	INSTALLATION COSTS				47				
## BLI NR. 414500 BLI NR. 414500 TITEM NO. PAGE NO. PAGE NO.	SPECIAL TEST EQUIPMENT				83				
Spares (62) (213) BLJ NR. 414500 PACE NO. PACE NO.	INTEGRATED LOGISTICS SPT				89				
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	4	414500		P-1 SHOPP	li				EXHIBIT P-5
				ITEM NO.	PAGE NO.				

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IF YES
WHEN
AVAIL
N/A EXHIBIT P-5A SPEC REV RQRD RCN: 140132 N_O AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL SPECS AVAIL NOW YES DATE: \$315,418 UNIT P-1 ITEM NOMENCLATURE: PAGE NO. OTY P-1 SHOPPING LIST DATE OF FIRST DELIVERY AUG 96 ITEM NO. AWARD DATE OCT 95 27 PROCUREMENT HISTORY & PLANNING CONTRACTED BY MarCorSysCo CONTRACT ВО PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY LOCATION
NAWC(AD)
St. Inigoes, MD CONTRACTOR 414500 APPROPRIATION/BUDGET ACTIVITY: BLI NR. LINE ITEM/ FISCAL YEAR AN/TSC-96A FY 95 REMARKS:

APPROVED ACQUISITION OBJECTIVE

AN/TSC-96A PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

0

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INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: II MARINE EXPEDITIONARY FORCE: I MARINE EXPEDITIONARY FORCE: NORWAY AIR LANDED BRIDGADE: SUPPORT ESTABLISHMENT: TOTAL:

APPROVED ACQUISITION OBJECTIVE

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## FY 1995 FY 1996 FY 1997 FECOMMENDED BUY - QUANTITY: SHOPPING LIST SHOPPING LIST SHOPPING LIST		ASSET DYNAMICS	IICS	D	DATE:	
ES ENDING INVENTORY EY 1994 FY 1995 FY 1996 F F INVENTORY 30 SEP 1993 FY 1994 FY 1995 FY 1996 F F INVENTORY 30 SEP 1993 FY 1994 FY 1995 FY 1996 F F INVENTORY 30 SEP 1993 FY 1994 FY 1995 FY 1996 FY 1996 FY 1997 FECOMMENDED BUY - QUANTITY: \$ \$ 100 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			ITEM NAME:	AN/TSC-96A SATEI	LITE COMMUNICATION	IS CENTRAL
ES	TAMCN/DODIC: ACQUISITION OBJECTIVE:		RCN:	140132		
ABLE CEABLE S 9 10 10 8 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$ 100 \$	Y BUDGE	ENDI	1994	1995	1996	1997
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NR. 414500 P-1 SHOPPING LIST	COMMENTS:		щ	1996	1 1	
PAGE	NR.			PING LIST PAGE NO.		EXHIBIT P-20A

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INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL

MODELS OF SYSTEMS AFFECTED:

AN/TSC-96A SATELLITE COMMUNICATIONS CENTRAL

DESCRIPTION/JUSTIFICATION:

The AN/TSC-96A will complete the JCS-mandated DAMA modification to the system, add the capability to interface with the MSC-63A's TCC/SSCC, provide interface with a LAN, upgrade all computer and security equipment, and reduce the system configuration from two shelters to a single S-280C/G shelter.

> DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

Single shelter configuration is in full scale development. Integration of new/existing equipment continues.

FINANCIAL PLAN: (\$ in Millions)

TOTAL	OTY S
TO COMP	2TX S
FY 2000	S
FY 1999	OTX
FY 1998	OTY S
FY 1997	OTY S
FY 1996	orv s
FY 1995	OTY S

RDT&E

PROCUREMENT

Kit Quantity
Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support

0.315 0.089 0.083

Interim Contractor Support

Support Equipment

EXHIBIT P-3A INDIVIDUAL MODIFICATION

0.089

0.315

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EXHIBIT P-3A INDIVIDUAL MODIFICATION

	CTX S	PY 1996 OTY S	OIX S	ex 1998 orx s	FY 1999 OTX S	OTX SOOO	TO COMP	TOTAL SOLX
INSTALLATION OF HARDWARE								
(FY 1995) EQD (1 Kits) (FY 1996) EQD (Kits) (FY 1997) EQD (Kits) (FY 1998) EQD (Kits) (FY 1999) EQD (Kits) (FY 2000) EQD (Kits) (TO COMP) EQD (Kits)	1 0.047							1 0.047
TOTAL INSTALLATION COST	1 0.047							1 0.047
TOTAL PROCUREMENT COST	0.534							0.534
METHOD OF IMPLEMENTATION:		ADMIN LEAD-TIME:		MONTHS	PRC	PRODUCTION LEAD-TIME:	-TIME:	MONTHS
CONTRACT DATES:	FY 1996		FY 1997					
DELIVERY DATES:	FY 1996		FY 1997					
INSTALLING SCHEDULE:	FY 1995 PY 1996	996	FY 1997	FY 1998	998 3 4	EY 1999	FY 2000	TOTAL
INPUT		1						
OUTPUT		1						

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0.0 FY 2001 THE JTIDS TERMINAL PROVIDES A HIGH-CAPACITY, JAM RESISTANT, SECURE, DIGITAL COMMUNICATIONS CAPABILITY FOR THE TACTICAL COMMAND AND CONTROL (C2) PLATFORMS. 041693 THIS PROJECT PROCURES JTIDS CLASS 2/2H TERMINALS FOR THE FOLLOWING USMC HOST PLATFORMS: TACTICAL AIR OPERATIONS MODULE (TAOM), ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC), AND AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP). THIS PROJECT ALSO PROCURES HARDWARE (INCLUDING GOVERNMENT FURNISHED PROPERTY (GFP)) REQUIRED TO INTEGRATE THE JTIDS CAPABILITY INTO THE TAOM AND THE ATACC. JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM 0.0 RCN: 0 2000 FY ₹¢}-0.0 0 1999 DATE FY 0.0 0 1998 P-1 ITEM NOMENCLATURE: THIS IS A ROLL-UP LINE FOR THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) FΥ 0.0 0 FY 1997 9 = 36% OF AO 19 = 76% OF AO (INCLUDES 2 PRODUCTION UPGRADE KITS) 24 = 96% OF AO (INCLUDES 3 PRODUCTION UPGRADE KITS) 25 = 100% OF AO (INCLUDES 1 PRODUCTION UPGRADE KIT) 6.9 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 CLASS 2 TERMINALS = 25 5.0 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY FY 97-01 PROCUREMENT IN BLI 463200. S APPROPRIATION/BUDGET ACTIVITY: ACQUISITION OBJECTIVE (A/O): COST (IN MILLIONS) FY 95: FY 96: FY 97: FY98-01: QUANTITY

EXHIBIT P-40

PAGE NO.

ITEM NO.

P-1 SHOPPING LIST

421300

BLI NR.

0, 540 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MOI JOINT TACTICAL SYSTEM (JTIDS)	DEL/SERIES/F INTERFACE RCN:	OPULAR NAME DISTRIBUTION 041693	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	JRER NAME STATE	D. DATE
FIER DB KITC ACTIVITY ACTIVITY THE COORD BLI NR. 421300 THE COORD BLI NR. 421300 THE COORD BLI NR. 421300 THE COORD BLI NR. A21300 THE COORD BLI NR. A21300 THE COORD BLI NR. A21300 THE COORD BLI NR. BARE NO. BARE	WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996	QTY TOWNI COSM	FY 1997	QTY
FIER	OS CLASS 2	A		520,540		566,000	TWI	ONII COSI	TOTAL COST
DE KIT SUPPORT NOTIVITY THEN NO. 1910 SUPPORT 10141 274 299,988 2 600 341 341 (529) (529) (6209) (1041) (1041) (702) EXHIBITY THEN NO. PAGE NO. PAG	H POWER AMPLIFIER JP (HPAG)		·			515,000			
DIATE ACTIVITY ACTIVITY THE COST BLI NR. 421300 THE SHOPLING LIST THE NO. PAGE NO. THE NO. PAGE	OUCTION UPGRADE KIT FSD TERMINAL		3			299,988			
THE COST (1918) (5299) THE COST (1941) (566) BLI NR. 421300 BLI NR. 421300 THE SHOPPING LIST (1921) THE SHOPPING LIST	FRAL SOFTWARE SUPPORT VUITY/INTERMEDIATE WARE SUPPORT ACTIVITY				274		3966		
TAL COST (3918) (6299) (566) (566) (702) BLI NR. 421300 PAGE NO. PAGE NO.	ORT COSTS		. M.				341		
. 421300 P-1 SHOPPING LIST EXHIBIT EXHIBIT	ve Component rve Component				(3918)		(6299) (566) (702)		
421300 P-1 SHOPPING LIST ITEM NO. PAGE NO.	-	000.00			4959		6865		
		21300		P-1 SHOPP ITEM NO.	ING LIST PAGE NO.				EXHIBIT P.

	PR	PROCUREMENT HISTORY		& PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NOMENCLATURE:	MENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVIT	×	4	1	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM RCN: 041693	CAL INFORMA	rion distri	BUTION	SYSTEM 041693	(JTIDS)
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	λώO	UNIT	SPECS	SPEC	IF YES WHEN
JTIDS CLASS 2 TERMINA FY 95	GEC-MARCONI-TOTOWA NJ/ROCKWELL-COLLIN: CEDAR RAPIDS IA	E	USAF, ESC HANSCOM	JUN 95	70N 97	6	520,540	YES	NO	N/A
FY 96	GEC-MARCONI-TOTOWA NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA	7 F P	USAF, ESC HANSCOM	96 JUL	JUL 98	σ.	566,000	YES	NO	N/A
HIGH POWER AMPLIFIER GROUP (HPAG) FY 96	GEC-MARCONI-TOTOWA NJ/ROCKWELL-COLLIN CEDAR RAPIDS IA	FFP	USAF, ESC HANSCOM	APR 96	APR 98	N	515,000	YES	ON	N/A
PRODUCTION UPGRADE FOR FSD TERMINAL (CLASS 2) FY 96	GEC-MARCONI-TOTOWA NJ/ROCKWELL-COLLIN	ं स स	USAF, ESC HANSCOM	JUL 96	36 JOE	0	299,988	YES	ON	N/A
REMARKS:										
BLI NR.	421300			P- ITEM NO.	P-1 SHOPPING LIST	ST PAGE NO.			EXHIB	EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

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0 0

INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: I MARINE EXPEDITIONARY FORCE: NORWAY AIR LANDED BRIGADE: SUPPORT ESTABLISHMENT: TOTAL:

APPROVED ACQUISITION OBJECTIVE

22

44400

ASSET DYNAMICS DATE:	A088	ENDING INVENTORY 30 SEP 1993 FY 1994 FY 1995	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			LE 9 19	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 0 8 36 8 0 8 0	ARE UPGRADES OF TWO FSD TERMINALS. FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$ 1.99 M FY 1997 RECOMMENDED BUY - QUANTITY:
ASSE	TAMCN/DODIC: ACQUISITION OBJECTIVE:	ENDING INVENTO 30 SEP 1 GAINS:	*FY BUDGET *OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	COMMENTS: FY 96 OTHER-QUANTITY ARE UPGRADES OF FY 96 COST INCLUDES COST TO PURCHASE

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UFACTURER	U/M	PY 95	PY 96	PY PY 98	PY 99	TO AS OF	OCT OC	OCT NOV	DEC	JAN	EB MAR	APR H	HAY JUN		AUG	SBP 00	OCT NOV DEC		JAN P	PEB MA	MAR APR	MAY	UND C	JUL AUG	G SEP	OCT	NOV	DEC	-	9	HAR APR	R MAY	วดห	JUL	AUG SEP	C F A
CL2 TERMINAL GEC/ROCKWELL	WC WC	6		-		0	6			$\vdash\vdash$			<									П		╁┼		П		П	$\dagger \dagger$	$\forall t$	+		-	-	-	-
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HANUPACTURBR'S NAME & LOCATION GEC, TOTOWN, NJ ROCKWELL, CEDAR RAPIDS, 1A BLI NR. 421300	IA	k LOCATI	NO		NIX NIX	HIN SUST 1-6-5 HAXIMUM 1 5 16 16 16 16 16 17 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1-8-5 5-8-5 5-8-5	HAXI	16 HUN B	REACHED D+		INITIAL REGREER P-1 SHO ITEM NO.	ANTIAL SOURCE SOURCE TE HOORD SOURCE TO HOO PERSON OF SOURCE TO SOURCE S	evious NG LIS	Pi ST.	Ce T 1	PROCURBRENT LEAD TIME ADMIN LEAD TIME PRIOR APPER 1 OCT 1 OCT 8	AD TINE APTER 1 0CT 8		HANU- PACTURING TIMB 24	ING.	TOTAL AFTER 1 OCT 32	N M M C	an *	REMARKSI *RESERVE LINE IS NON-ADDITIVE	LINE	18 NO	N-ADD	TTIVE				a	ЕХНІВІТ Р-21	P-21	

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0.0 FY 2001 044197 Automatic Test Equipment is used to Troubleshoot Line Replaceable Units (LRU) and Circuit Assemblies (CCA Weapon Systems. It consists of both hardware and software, portable and semi-portable equipment. This is a Roll-UP LINE: RCN: 0.0 FY 2000 22.9 74 FY 1999 AUTOMATIC TEST EQUIPMENT DATE 72 21.8 FY 1998 P-1 ITEM NOMENCLATURE: 12.2 41 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 12.0 12 FY 1996 04 2.1 \$ FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 12 = 5% OF AO 53 = 22% OF AO 124 = 52% OF AO 198 = 84% OF AO ₩ A0 = 237APPROPRIATION/BUDGET ACTIVITY: FY 1996 UNIT COST: \$298,178 AN/USM-657 THIRD ECHELON TEST SET SYSTEM ACQUISITION COST (IN MILLIONS) THIS ITEM IS CODE QUANTITY FY 1996 FY 1997 FY 1998 FY 1999

BLI NR. 440200

P-1 SHOPPING LIST ITEM NO. PAGE NO.

		PROCUREMENT HISTORY & PLANNING	HISTORY & PL	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVI		04	1.	AUTOMATIC 1	AUTOMATIC TEST EQUIPMENT	TN		044197	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNLT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
AN/USM-657 THIRD ECHELON TEST SET FY 1996 FY 1997	UNKNOWN	C/OPTION	MCSC MCSC	96 NOV 96	OCT 96 JAN 97	1.14 2.11	553, 583 294, 293	YES	N O O	
REMARKS:	440200			4	P-1 SHOPPING LIST	TSI			EXHIBI	EXHIBIT P-5A
				ITEM NO. 29	•	PAGE NO.				

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F-1 ITEM NORMEGATURES PARTICIPATE PART	ROCUREMENT, MARINE CORPS/BUDG							
CURRENT DAYSING CORPS/FUNDER ACTIVITY 0.4 AUTOMATIC TEST EQUITMENT (AN/USE-657) RCN: 0.04197	ROCUREMENT, MARINE CORPS/BUDG			P-1 ITEM NOME	ENCLATURE:			
CURRENT DEFECUENCY AND TEST STREET CURRENT DAYS REPORTED PRANCH PRA		GET ACTIVITY	04		AUTOMATIC TEST EQU	IPMENT (AN/USM		
CURRING Part E Paraly						SCHEDULE DATE		
Developmental Test & Evaluation (DTEE) Plan/Actual NA 1993 JAN 1993				CITEDENIA	CHECOTED BAKT			
Devalopmental Test & Evaluation (DTEE)				CONVENT	LAST REPORTED		REASON FOR DE	TAY
Devicional Test & Evaluation (TOTE) Plan/Actual NN								
Initial Operational Treat & Evaluation (OTKE) Plan/Actual N/A		uation (DT&E)	Plan/	JAN 1993	JAN 1993			
Pan/Actual Oct 1995 Pan/Actual Oct 1996		& Evaluation (IOT&E)		N/A	1995			
ANAILable Date of Technical Data Package (TDP Plan/Actual or 11996 MAR 1995 OF 1997 MAR 1995 OF 1997 MAR 1995 OF 1997 MARCH 1996 OF 1997 MARCH 1997 OF 1997 MARCH 1997 OF 1997 MARCH 1997 OF 1997		tion (OT&E)		N/A				
STITUTE NOTE OF PREFORM FOR SERVICE USE: NAMECH 1996 PREFIGURE OF PREFORM FOR SERVICE USE: NAMECH 1996 PREFORM FOR SERVICE USES PROPERTY OF THE PROPERTY OF SERVICE USES		al Data Dackage (mpp		1005	N/A			
EQUIPMENT TIEM(S) TO BE REPLACED: N/A EXTENT OF IMPROVEMENT OF IMPROVEMENT TIEM(S) TO BE REPLACED: EXTENT OF IMPROVEMENT OVER EQUIPMENT TIEM(S) TO BE REPLACED: CONTRACT INFORMATION COMPONENT CONTRACT INFORMATION COMPONENT CONTRACT INFORMATION ALIARANY GA AL		cations	1		MAR 1995			
EXTERM OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REFLACED: EXTERM OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REFLACED: CONTRACTOR NAME CONTRACTOR NAME CONTRACTOR NAME ALBANY GA A		L FOR SERVICE USE:		MARCH 1996				
EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(\$) TO BE REPLACED: EN ITEM DESCRIPTION		EPLACED:	N/A					
EB TERM DESCRIPTION REPLACED: CONTRACT INFORMATION CONTRACT INFORMATION REPLACED: CONTRACT INFORMATION CONTR	CHANGE THE COLUMN THE COLUMN CANADA							
CONTRACT INFORMATION	ODE B" ITEM DESCRIPTION							
CONTRACTOR NAME PLANT LOCATION COMPONENT THROUGH PY (FY1994 CY (FY1995) BY (FY1996) BEYOND BY ALBANY GA TETS RP \$ 1.289 \$ 0.882 \$ 1.00 \$ 0.141 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.541 \$ 0.5		RMATION	ti					
ALBANY GA TETS RF \$ 1.289 \$ 0.882 \$100 \$ 0.0. ALBANY GA TEST EO \$300 \$ 0.141 \$ ALBANY GA TEST EO \$300 \$ 0.141 \$ TOTAL RDT&E FUNDING \$300 \$ TOTAL RDT&E FUNDING \$300 \$ TARKS:	CONTRACTOR NAME	PLANT LOCATION	COMPC		PY		1	
ALBANY GA TEST EO \$ \$ 0.141 \$ \$ \$ \$ \$ \$ \$ \$ \$	ISU		TETS		-	\$	\$.100	· S
ALBANY GA TEST EO \$ \$ \$ 300 \$ \$ \$ \$ \$ \$ \$ \$ \$	ısu		TETS RF		₹₽	•	0\$ 0.141	· · ·
S	SU		TEST EO		**		\$.300	23
SET NOTE FUNDING					ž.	₹\$		- 10
SET NDING					₹0-	₹.		
*FY 1992-1994 FUNDS PROVIDED BY ADVANCE WARFARE TECHNOLOGY (AWT) CENTER. THIS IS A LRIP PROCUREMENT FY 96. BLI NR. 440200 TIEM NO. PAGE NO.	TOTAL RDT&E FUNDING					1	0.541	. 3.5
440200 P-1 SHOPPING LIST ITEM NO. PAGE NO.		94 FUNDS PROVIDED BY	ADVANCE WARFA	RE TECHNOLOGY	CENTER.	IS A	ROCUREMENT FY 96	
P-1 SHOPPING LIST ITEM NO. PAGE NO.								
PAGE NO.				P-1 SH	OPPING LIST			FXHTRIT D-1
,					PAGE NO.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
					~			

APPROVED ACQUINATION OBJECTIVE

PROGRAM NAME: AUTOMATIC TEST EQUIPMENT THIRD ECHELON TEST SET

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	00	0
INITIAL ISSUE		
I MARINE EXPEDITIONARY FORCE:	42	
II MARINE EXPEDITIONARY FORCE:	42	
III MARINE EXPEDITIONARY FORCE:	42	
SELECTED MARINE CORPS RESERVE:	27	
SUPPORT ESTABLISHMENT:	99	
NORWAY AIR LANDED BRIDGADE:	18	
TOTAL:		237
APPROVED ACQUISITION OBJECTIVE		237

	ASSET DYNAMICS	CS	ΔZ	DATE:	
TAMCN/DODIC: ACQUISITION OBJECTIVE:	TBD 237	ITEM NAME: AU RCN: 04	AUTOMATIC TEST EQUIE 044197	T (ATE)	THIRD ECHELON TEST SET
	ENDING INVENTORY 30 SEP 1993	FY 1994	74 1995	74 1996	FV 1007
GAINS: *FY BUDGET *OTHER TOTAL		0		12	41
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL			0	0	0
NET CHANGE (+/-)		0	0	12	41
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE			0	12	53
TOTAL \$M VALUE	0	\$	0 0	12.0	53
% A/O ON HAND/FUNDED	* 0	* 0	80	77	22 %
COMMENTS: THIS ENCOMPASSES THE THIRD ECHELON TEST SET	RD ECHELON TEST SET		FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 12.0 M 41 \$ 12.2 M
BLI NR. 440200		P-1 SHOPP ITEM NO.	ING LIS		EXHIBIT P-20A
			9		

R: 97 CALENDAR YEAR!	C JAN PEB HAR APR HAY JUN			E E					o o o	JAN FEB MAR APR	Abbitive	
RCN: 044197 PISCAL YEAR:	AUG SEP OCT NOV DEC	,	<						4	JUL AUG SEP OCT NOV DEC	RESERVES LINE IS NON-ADDITIVE	
YEAR: 96	HAR APR HAY JUN JUL	4								HAR APR HAY JUN JUL	UU- TOTAL JAING AFTER 1 OCT 12	
CAL YEAR: 96 CAL YEAR: 96 CALENDAR YEAR	OCT NOV DEC JAN FEB M									NOV DEC JAN FEB	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR AFTER PACTURING 1 OCT 1 OCT TIME STOOM	
AUTOMATIC TEST EQUIPMENT PISCAL YEAR	JUL AUG SEP									JUL AUG SEP OCT	Sol	PAGE NO.
	PEB HAR APR HAY JUN									B HAR APR HAY JUN		ITEH NO. PAGE N
FISCAL YEAR! 95 CY: 94 CALENDAR YEAR	1 OCTI OCT OCT NOV DEC JAN PI							·		OCT NOV DEC JAN FEB	RAYIES REACHED	
ACC BAL PRIOR DUE	1 OCTI OCT	0 12	41 0 41	0 12					2 41 0 53	SHEET 1 OF 1 O	PRODUCTION PATES HIN SUST 1-8-5 HAXIHUM 4 8 20	
	96 S6	12		12					12	анв	OCATION	
co pa	ITEH AND MANUPACTURER U/H R V	3RD ECHELON TEST SET EA HC	BED ECHELON TEST SET	RESERVE)							HANUPACTURER'S NAME & LOCATION	

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	BUDGET ITEM JUSTIFICATION SHEET	FICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	NCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	SET ACTIVITY	04		GENERAL PURPO	GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE)	TEST EQUIPMENT	(GPETE)
						RCN:	045887
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FV 2001
QUANTITY	0	0	0	0	0	0	
COST (IN MILLIONS)	\$ 3.7	\$ 6.1	\$ 8.6	7.8	\$ X	\$ 2	0 0

Funds allocated under this line are used to procure General Purpose Electronic Test, Measurement, and Diagnostic Equipment to support major items of electronic equipment. Funds sustain modernization and standardization efforts in addition to meeting new requirements.

All of the items are Code A.

This is a roll-up line that consists of many different items and separate acquisitions.

All of these items are required to support other Marine Corps systems already fielded or in the acquisition pipeline.

BLI NR. 442900

P-1 SHOPPING LIST ITEM NO. PAGE NO.

1

EXHIBIT P-

	QTY TOTAL COST						50 250	100		300		25 250	30 600	20 500	EXHIBIT P-5	
	FY 1997			A CONTRACTOR OF THE CONTRACTOR			2000	4000		10000		10000	20000	25000		
PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST	25 210	25 183	375		40 269	50 250	50 200		30 300	150		20 400	500		
TEST	FY 1996 UNIT COST	0	7320	2000		6725	2000	4000		10000	2500		20000	25000		
GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE) (RCN 045887)	QTY TOTAL COST	50 400	50 366	75 375	198	40 269	50 250	100	250 500	300	150				ING LIST PAGE NO.	
GENERAL PURPOSE E EQUIPMENT (GPETE) (RCN	FY 1995 UNIT COST	0008	7320	2000	4950	6725	2000	4000	2000	10000	2500				P-1 SHOPPING LIST ITEM NO. PAGE N	
ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04																
	IDENT.	A	æ	Ą	æ	∢	Ą	ď	æ	Ą	A	æ	ď	ď	442900	
ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	USM-646 TEST STATION	USM-646 SEMI-CONDUCTOR	MAINT KIT MK-2663	TEST SET; TELECOM	OPTICAL TDR	GROUND TESTER (CLAMP-ON)	GROUND TESTER	ARB FUNCTION GENERATOR	POWER METER (PULSE)	POWER METER (CW)	POWER METER (OPTICAL)	PROTOCOL ANALYZER (LAN)	PROTOCOL ANALYZER (TEL)	BLI NR.	

		ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04	EQUIPMENT (GPETE)	GENERAL FORFOSE ELECTRONIC TEST EQUIPMENT (GPETE) (RCN 045887)	C TEST	LOCATION VARIOUS	IAIE		
COST ELEMENTS CC	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997	Q TOTAL	QTY TOTAL COST
HANDHELD BIT ERROR RATE TESTOR (BERT)	A				3000	75 225	3000		450
SIGNAL GENERATOR	æ						14000	200	2800
TEST ADAPTER; RADIO	Æ				0009	400 2400	9009	400	2400
SOFTWARE SUPPORT	N/A			117		196			180
LOGISTICS SUPPORT Training Material Factory Training Tech Manuals Provisioning Data Acceptance Testing	N/A			382		3998			429
•									
INITIAL SPARES						(96)	•		
(TOTAL ACTIVE) (TOTAL RESERVES)				(2914)		(5414)			(6249)
_				3707		6056			8559
BLI NR. 4428	442900		P-1 SHOPPING LIST ITEM NO. PAGE N 30	PAGE NO.				EXHIE	EXHIBIT P-5

ME ITEM/ SCAL YEAR SCAL YEAR TEST STATIC TEST TATIC TEST STATIC	CONTENCIONE CONTENCION CARROL CONTENCION CARROL	PROCTIBEMENT HISTORY	C. DLANNING							DATE:		
NAME CONTROL	SEMI-CONDICTOR	FROCORETION HISTORY &	FIRMINITING				P-1 ITEM NOR	ENCLATURE:				
NATIONAL CONTRACTOR AND TYPE DATE	NATION CONTRACTOR CONTRACTOR DATE	PROCUREMENT, MARINE CO	RPS/BUDGET ACTIVITY		04		GENERAL PURI	OSE ELECTRO	NIC TEST EQ	UIPMENT	(GPETE)	
TEST STRUCK	TEST STATION	LINE ITEM/	CONTRACTOR AND	CONTRACT METHOD	CONTRACTED	AWARD	DATE OF FIRST		TIMO		SPEC	IF YES WHEN
SEMI-CONDUCTOR HUNTRON C/FPO NAVY (RUWC) SEMI-CONDUCTOR HUNTRON C/FPO NAVY (SPCC) TT TELECON CORR CORR CAR CORR C/FPO NAVY (SPCC) TT TELECON CAR CORR NAVY (SPCC) NAVY (SPCC) TT TELECON C/FPO NAVY (SPCC) NAV	SEMI-CONDUCTOR	USM-646 TEST STATION	LOCALTON	AND LIKE	BX	DATE	DELLVERY	VI'Y	COST	MOM	RQRD	AVAIL
SEMI-CONDUCTOR	HUNTRON C./PPO NAVY (SPCC) JAN96 APR96 50 7320 YES NO SEATTLE, MA SEATTLE, MA SEATTLE, MA SEATTLE, MA SEATTLE, MD C./PPO NAVY (SPCC) JAN96 APR96 50 775 5000 YES NO LAURED. MD C./PPO NAVY (SPCC) PEB96 MAY96 775 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) MAR95 AUG95 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN96 AUG95 50 5000 YES NO BOSTON, MA C/PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO SEATON YES NO SECTOR NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 50 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABANC C./PPO NAVY (SPCC) JAN97 MAY97 70 5000 YES NO TESTER (CLAMP-ON) ABAN	FY95 FY96	VARIOUS VARIOUS	C/FPO C/FPO	NAVY (NUWC) NAVY (NUWC)	APR95 JAN96	JUL95 APR96	50	8400	YES	NO ON	N/A N/A
HUNTRON C/FPO NAVY (SPCC) JAN96 AFR96 55 7320 YES NO SEATTLE, WA SEATTLE, CASE CORP SAN JOSE, CA SEATTLE, CASE CORP NAVY (SPCC) PEB95 NAV96 75 5000 YES NO SEATTLE, CASE CYPPO NAVY (SPCC) ARR96 AUG96 40 6725 YES NO TESTER (CLAMP-ON) TESTER (CLAMP-ON) AEMC C/FPO NAVY (SPCC) ARR95 AUG96 50 5000 YES NO TESTER (CLAMP-ON) BOSTON, WA SEATCLE, CAPPO NAVY (SPCC) JAN96 NAV96 50 5000 YES NO TESTER (CLAMP-ON) AEMC C/FPO NAVY (SPCC) JAN96 NAV96 50 5000 YES NO TESTER (CLAMP-ON) AEMC C/FPO NAVY (SPCC) JAN96 NAV96 50 5000 YES NO TESTER (CLAMP-ON) AEMC C/FPO NAVY (SPCC) JAN96 NAV96 50 5000 YES NO TESTER (CLAMP-ON)	HUNTRON C/FPO NAVY (SPCC) JAN96 AFR96 55 7320 YES NO SEATTLE, WA SEATTLE, WA C/FPO NAVY (SPCC) JAN96 AFR96 25 7320 YES NO TESTER (CLAMP-ON) TESTER (CLAMP-ON) HUNTRON C/FPO NAVY (SPCC) JAN96 AFR96 25 7320 YES NO TESTER (CLAMP-ON) TESTER (CLAMP-ON) HORGAN HILL, CA ARRC C/FPO NAVY (SPCC) JAN96 ARV95 75 5000 YES NO TESTER (CLAMP-ON)	USM-646 SEMI-CONDUCTO	×									
THE CASE PACE INC C/PPO NAVY (NSWC) PEB95 NAV95 75 5000 YES NO	TT MK-2663 EACE INC C/FPO NAVY (NSWC) TT MELECON CAR CORP CAR CORP ANTITION CAR CORP ANTITION CAR CORP ANTITION CAR CORP ANTITION ABACC CAR CORP ANTITION CAR CORP ANTITION ABACC CAR CORP ANTITION ABACC CAR CORP ANTITION CAR CORP ANTITION ABACC CAR CORP ANTITION CAR CORP ANTITION ABACC CAR CORP ANTITION ANTITION ABACC CAR CORP ANTITION ANTITION ABACC CAR CORP ANTITION ANT	FY95 FY96	HUNTRON HUNTRON SEATTLE, WA	C/FPO C/FPO	NAVY (SPCC) NAVY (SPCC)	APR95 JAN96	JUL95 APR96	50 25	7320	YES	NO	N/A N/A
FACE INC C/FPO NAVY (NSWC) FEB95 MAY95 75 5000 YES NO	FACE INC C/FPO NAVY (NSWC) FEB95 MAY96 75 5000 YES NO TITLE LECON CAR CORP C/FPO NAVY (SPCC) FEB95 MAY96 75 5000 YES NO TITLE SAN JOSE, CA ANTITSU C/FPO NAVY (SPCC) MARY (SPC	MAINT KIT MK-2663										
TT. TELECON CGR CORP SAN JOSE, CA ANRITSU ANRITSU ANRITSU ANRITSU ANRITSU C/FPO NAVY (SPCC) ABR95 AUG95 AUG96 AUG96	TESTER (CLAMP-ON) ABMC CAR CORP ANRITSU C/FPO NAVY (SPCC) MAR95 AUG95 A	FY95 FY96	PACE INC PACE INC LAUREL, MD	C/FPO C/FPO	NAVY (NSWC) NAVY (NSWC)	FEB95 FEB96	MAY95 MAY96	75	5000	YES	NO	N/A N/A
TESTER (CLAMPON) TESTER (CLAMPON) ABMC CARCORP CAFPO NAVY (SPCC) ANY (SPCC	CER CORP SAN JOSE, CA	TEST SET, TELECON										
ANRITSU C/FPO NAVY (SPCC) MAR95 AUG96 40 6725 YES NO GORGAN HILL, CA MARY (SPCC) MAR96 AUG96 40 6725 YES NO GORGAN HILL, CA MARY (SPCC) MAR96 AUG96 50 5000 YES NO BOSTON, MA MAY (SPCC) JAN96 MAY97 50 5000 YES NO SOSTON, MA MAY (SPCC) JAN97 MAY97 50 5000 YES NO HAVY (SPCC) JAN97 MAY97 MAY97 50 5000 YES NO HAVY (SPCC) JAN97 MAY97 MAY97 50 5000 YES NO HAVY (SPCC) JAN97 MAY97 MAY97 FOR MAY97 MAY97 FOR MAY97 M	ANRITSU C/FPO NAVY(SPCC) MAR95 AUG95 40 6725 YES NO GORGAN HILL, CA C/FPO NAVY(SPCC) AR896 AUG96 40 6725 YES NO GORGAN HILL, CA C/FPO NAVY(SPCC) AR895 AUG95 50 5000 YES NO BOSTON, MA C/FPO NAVY(SPCC) JAN97 MAY97 50 5000 YES NO BOSTON, MA C/FPO NAVY(SPCC) JAN97 MAY97 50 5000 YES NO C/FPO NAVY(SPCC) JAN97 MAY97 50 5000 YES NO SOCIETY NO SOCI	FY95		C/FPO	NAVY (SPCC)	FEB95	MAY95	40	4950	YES	NO	N/A
ANRITSU C/FPO NAVY(SPCC) MAR95 AUG95 40 6725 YES NO MORGAN HILL, CA MARY(SPCC) MAR96 AUG96 40 6725 YES NO GESTER (CLAMP-ON) TESTER (CLAMP-ON) AEMC C/FPO NAVY(SPCC) JAN96 MAY96 50 5000 YES NO BOSTON, MA BOSTON, MA BOSTON, MA ANG95 AUG95 50 5000 YES NO YES N	AMRITISU C/FPO NAVY (SPCC) MAR95 AUG95 40 6725 YES NO GORGAN HILL, CA MORGAN HILL, CA AEMC C/FPO NAVY (SPCC) APR95 AUG95 50 5000 YES NO BOSTON, MA BOSTON, MA AEMC C/FPO NAVY (SPCC) JAN96 MAY97 50 5000 YES NO SOTON	OPTICAL TDR										
AEMC	AEMC C/FPO NAVY (SPCC) APR95 AUG95 50 5000 YES NO	FY95 FY96		C/FPO C/FPO	NAVY (SPCC) NAVY (SPCC)	MAR95 MAR96	AUG95 AUG96	40	6725	YES	NO	N/A N/A
AEMC C/FPO NAVY(SPCC) APR95 AUG95 50 5000 YES NO AEMC C/FPO NAVY(SPCC) JAN96 MAY96 50 5000 YES NO BOSTON, MA BOSTON, MA	AEMC C/FPO NAVY (SPCC) APR95 AUG95 50 5000 YES NO AEMC C/FPO NAVY (SPCC) JAN96 MAY96 50 5000 YES NO BOSTON, MA	GROUND TESTER (CLAMP-	ON)									1000
	REMARKS:	FY95 FY96 FY97	AEMC AEMC AEMC BOSTON, MA	C/FPO C/FPO C/FPO	NAVY (SPCC) NAVY (SPCC) NAVY (SPCC)	APR95 JAN96 JAN97	AUG95 MAY96 MAY97	50	5000 5000 5000	YES	NO ON ON	N/A N/A N/A
	REMARKS:											

EXHIBIT P-5A

442900

BLI NR.

P-1 SHOPPING LIST
THEM NO. PAGE NO.

A CHARLES THE THE PARTY OF THE										
AFFROEKLATION/BOUGET ACTIVITI: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CTIVITY: RPS/BUDGET ACTIVITY		04		P-1 ITEM NOMENCLATURE: GENERAL PURPOSE ELECTR	P-1 ITEM NOMENCLATURE: GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT RCN:	NIC TEST EQ	UIPMENT RCN:	(GPETE) 045887	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	УТQ	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
GROUND TESTER										
FY95	PPM INC	C/FPO	NAVY (SPCC)	APR95	AUG95	100	4000	YES	NO	N/A
FY96 FY97	(3 (3	C/FPO C/FPO	NAVY (SPCC) NAVY (SPCC)	JAN96 JAN97	MAY96 MAY97	100	4000	YES	ON ON	N/A N/A
ABR FUNCTION GENERATOR FY95	CLEVELAND, OH WILTRON, MORGAN HILL, CA	C/FPO	USMC	AUG95	JAN96	250	2000	YES	ON	N/A
POWER METER (PULSE) FY95	GIGA-TRONICS	C/FP	NAVY (SPCC)	APR95	OCT95	30	10000	YES	NO	N/A
FY96	GIGA-TRONICS	C/FPO	NAVY (SPCC)	JAN96	MAY96	30	10000	YES	NO	N/A
FY97	SAN RAMON, CA	C/FPO	NAVY (SPCC)	JAN97	MAY97	30	10000	YES	NO	N/A
POWER METER (CW) FY95	HEWLETT-PACKARD	C/FP	NAVY (SPCC)	APR95	OCT95	09	2500	YES	NO	N/A
0614	SANTA CLARA, CA	0/44/0	WAYI (SECC)	OFWAO	MAI 30	0	7200	ZH X	S.	N/A
POWER METER (OPTICAL) FY97	ТВО	C/FP	NAVY (SPCC)	MAR97	20197	25	10000	NO	YES	MAY95
PROTOCOL ANALYZER (LAN) FY96	N) TBD	C/FPO	NAVY (SPCC)	MAR96	JUL96	20	20000	YES	ON	W/W
FY97	TBD	C/FPO	NAVY (SPCC)	JAN97	MAY97	30	20000	YES	NO	N/A
PROTOCOL ANALYZER (TEL) FY96	L) TBD	C/FP	NAVY (SPCC)	MAR96	96das	20	25000	YES	YES	MAV95
FY97	TBD	C/FPO	NAVY (SPCC)	JAN97	MAY97	20	25000	YES	YES	MAY95
HANDHELD BERT FY96	TBD	C/FP	USMC	MAR96	JUL96	75	3000	YES	YES	MAY95
FY97	TBD	C/FPO	USMC	JAN97	MAY97	150	3000	YES	YES	MAY95

EXHIBIT P-5A

P-1 SHOPPING LIST ITEM NO.

442900

BLI NR.

30

PAGE NO.

Name	APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	>-	04		P-1 ITEM NOMENCLATURE: GENERAL PURPOSE ELECTR	P-1 ITEM NOMENCLATURE: GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT	NIC TEST EO		(GPETE)	
CARTINOS CONTRACTED AMARD PERST OFF COST NOW RORD OFF COST NOW RORD OFF COST NOW RORD SS ARMY FEBS OFF JUL96 400 6000 YES NO SS ARMY FEBS JUL97 400 6000 YES NO COST NOW RORD OFF COST NOW RORD	TOHO & CHIMNOD				100				045887	
CAPPO USMC JAN97 APR97 200 14000 YES NO SS ARMY FEB96 JUL96 400 6000 YES NO SS ARMY FEB97 JUL96 400 6000 YES NO	CONTRACTOR AND LOCATION	METHOD AND TYPE	CONTRACTED	AWARD	FIRST DELIVERY	OFY	UNIT	AVAIL	SPEC REV	IF YES WHEN
SS ARMY FEB96 JUL96 400 6000 YES NO SS ARMY FEB97 JUL97 400 6000 YES NO THE NO		C/FPO	USMC	JAN97	APR97	200	14000	YES	Q.	N/A
	IFR SYSTEMS WICHITA, KS	SS	ARMY ARMY			4 00 4 00 00 00 00 00 00 00 00 00 00 00	0009	YES	NO NO	N/A N/A
BLI NR. 442900 EXHIBIT P-5A				P-	1 SHOPPING LI	ST			EXHIBI	T P-5A

0.0 0 FY 2001 043638 The SINCGARS radio will be used as the primary means of communication for command and control as well as fire support on the battlefield. SINCGARS will be highly reliable with over 1250 hours mean time between failure and built-in test equipment will ease the workload. Frequency hopping capability offers low probability of intercept, while integrated COMSEC deletes the requirement for external communications security equipment. The SINCGARS radio will replace all AN/PRC-77 manpack, Bancroft, and AN/VRC-12 family of vehicular radios currently in the RCN: 0.0 0 2000 FY ŧs. 0.0 0 FY 1999 DATE 0.0 0 PAGE NO. 1998 SINCGARS P-1 ITEM NOMENCLATURE: P-1 SHOPPING LIST FΥ 0.0 FY 1997 Acquisition Objective (AO) = 25390 ITEM NO. 31 47.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 ₹Ø 65.8 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-99 PROCUREMENT IN BLI 463300. of AO of AO of AO of AO APPROPRIATION/BUDGET ACTIVITY: The SINCGARS radio is Code A. 451000 538 708 828 = 100% farine Corps inventory. COST (IN MILLIONS) 17716 21519 25390 BLI NR. Prior Years 13460 QUANTITY FY97-01 FY95 FY96

MODEL/SERIES/POPULAR NAME C. MANUFACT PLANT CITY/ PLANT CITY/ LOCATION ITT FORT WAYNE	FY 1995 QTY FY 1996 QTY TY 1997 QTY TY 199	(1146)	
P-5)	WEAPON SYSTEM COST ELEMENTS CODE SINCGARS Ancillary Equipment Installation Kits Program Support Program Support Warranty Consulting Services	Initial Spares	

	PR	PROCUREMENT HISTORY	3	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDG	APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	X.	4		P-1 ITEM NO SINCGARS	ITEM NOMENCLATURE:				
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	VTQ	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
SINCGARS FY 95 FY 96	ITT, FORT WAYNE, IN	दस् दस्	CECOM	MAR 95 MAR 96	36 NUC JUN 97	4256 3803	9,441	YES	ON ON	N/A N/A
REMARKS: BLI NR.	UNIT COSTS DO NOT INCLUDE NAVY FUNDS WERE APPLIED TO THE FY95 IN A COMMENSURATE REDUCTION IN 25,390 ACQUISITION OBJECTIVE. THE SINGGARS RADIO.	INCLUDE NAVA TO THE FY95 TO THE FY95 SEDUCTION IN		DING. MODIE TO PROCURE AN TO PROCURE AN TIS AN AVERAGE THEM NO.	COMSEC FUNDING. MODIFICATION TO FY-94 CONTRACT REFLECTS UNIT COST SAUCONTRACT TO PROCURE AN ADDITIONAL 1000 PRC-119 RADIOS. THIS WILL RESULTE NUMBER OF RADIOS BOUGHT IN FY 97. COMBINED BUYS WILL NOT EXCEED THE UNIT COST IS AN AVERAGE OF THE UNIT COST FOR VARIOUS CONFIGURATIONS OF PAGE NO.	EY-94 CONTE L 1000 PRC-1 Y 97. COMBI NIT COST FOR	CONTRACT REFLECTS UNIT COST SAVINGS. PRC-119 RADIOS. THIS WILL RESULT COMBINED BUYS WILL NOT EXCEED THE ST FOR VARIOUS CONFIGURATIONS OF NO. EXHIBIT P-5A	TS UNIT THIS W ILL NOT	S UNIT COST SAVINTHIS WILL RESULTION OF EXCERD THE NOT EXCERD THE NFIGURATIONS OF EXHIBIT P	OST SAVINGS. LL RESULT KCEED THE IONS OF EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SINCGARS

SUSTAINMENT

MENT:		
REQUIRE	AT:	
MATERIAL	NANCE FLC	'AL:
RESERVE 1	OT MAINTE	TOTA
WAR	DEPOT	

INITIAL ISSUE

FORCE: FORCE:	ORCE:	RVE:			
I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE	III MARINE EXPEDITIONARY FORCE	SELECTED MARINE CORPS RESERVE	SUPPORT ESTABLISHMENT:	NORWAY AIR LANDED BRIGADE:	TOTAL:
I MARINE II MARINE	III MARIN	SELECTED	SUPPORT E	NORWAY AI	

APPROVED ACQUISITION OBJECTIVE:

7-16

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			700 1 VII	0	0	0		\$	* 0	\$ 3803 \$ 47.0 M \$	EXHIBIT P-20A
	DATE:) H		0	3803	21519	\$ 235.6	85 &	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	
	DA	SINCGARS 043638	₩V 1995	4256	0	4256	17716	\$ 17716	70 %	1996 RECOMMENDED	SHOPPING LIST PAGE NO.
		ITEM NAME: RCN:	1997 1997		0	3636	13460	13460	53 %	00, RADIO SYSTEMS. FY	P-1 SHOPE ITEM NO.
	ASSET DYNAMICS	F4019 25,390	ENDING INVENTORY 30 SEP 1993	I IIIXIIIIXIIII			9824	9824	39 &) BLI 463300, RADI	
		TAMCN/DODIC: ACQUISITION OBJECTIVE:		GAINS: *FY BUDGET *OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL SM VALUE	% A/O ON HAND/FUNDED	COMMENTS: FY 97 AND BEYOND MOVES TO BLI 4633	BLI NR. 451000

97	HAY JUN JUL AUG SEP		6 1 3 6 1 3		7 8 8 6 9 8 9 8 9 8 9 8 9		1 0 1 0				 	Y JUN JUL AUG SEP		
YEAR:	HAR APR HA	20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		22					4477	HAR APR HAY		
CALENDAR	JAN FEB	20.00		804		77					1111	JAN FEB H		
PISCAL YEAR;	NOV DEC	200		804		88					4178	NOV DEC J		
PIS	SEP OCT	6 75 4 6 75 75		801		22					1117	BEP OCT	ARKS	
96	JUL AUG	υα.φ υα.φ		801		8 8 8					4477	JUE AUG	REMARKS	_
	R MAY JUN	n 40 4		∞ 0 ↔		n n					4177	HAY JUN	TOTAL	-
96 LENDAR YEAR:	FEB MAR APR		<		<		<					FEB HAR APR	HANU-	TINE
5	DEC JAN FI											DEC JAN FR	1	1 0CT
PISCAL YEAR	OCT NOV											OCT NOV I	ADMIN LEAD THE ADMIN LEAD THE PRIOR AFTER	1 OCT
	AUG SEP											AUG SEP	PROC	INITIAL
95	A JUL JUL											JUN JUL		
YEAR:	MAR APR MAY	٧.		<		4						KAR APR KAY		INITIA
CALENDAR T	JAN FEB M											JAN PEB N	REACHED D+	T
L PISCAL YEAR: 95 IE CY: CALENDAR YEAR:	NOV DEC											NOV DEC	NAXINUM NAXINUM 1850	T
百百	80	44100		e & ± 4	0 4 7 7	26.2	3 9 8				4 6 0 6	2 oct	1-8-5 1375	T
PRIO	FY 70 A 1 0CT 1		0	0	0	0	0				0	1 OF	PROI HIN SUST	T
<u> </u>	FY PY 96 97	-	n & o n		9 7 7		1 O E				11 CO 41 CO	зневъ		
PROGRA	FY PY	4 64 10 10		5 1 6 9		1 W 12					H 4 H E O		CATION	
пμ	R >	Ŋ.	WC.	<	٧.	z	æ						NAME & LO	
	ITEM AND HANUFACTURER U/H												HANUFACTURER'S NAME & LOCATION WAYNE, INDIANA	
	ITEM AND	SINCGARS									TOTALS		HANU ITT, FORT WAYNE,	

1×6×10 SEP SEP AUG DEC JAH FEB HAR APR HAY JUN JUL AUG BER OCT NOV DEC JAM FEB HAR APR MAY JUN JUL AUG BEP OCT NOV DEC JAM FEB HAR APR JUN JUL JUL AUG SEP OCT HOV JUL JUN MANU- TOTAL
FACTURING AFTER
TIME 1 OCT
15 20 KAY APR MANU-FACTURING TIME DEC JAN FEB HAR AFTER 1 OCT PRIOR 1 OCT AUG SEP OCT NOV INITIAL REORDER (Frevious Source) P-1 SHOPPING LIST ITEM NO. RAGE NO. JUL JUL JUN JUL HAY HAY n = 0 6 9 7 APR DEC JAN FEB HAR APR 6 4 8 - 00 DEC JAN FEB MAR . 8 6 PRODUCTION EATES REACHED
HIN SUST 1-8-5 NAXIHUH D+ 4 9 . . . | ACC BAL FISCAL YEAR!
| PRIOR DUE CT. 97 | TO AS OF | CT. 0CT | OCT | OCT | DEC | DEC | . . . 4 9 9 OCT NOV - 00 00 - 4 0 1375 2 40 ž SHEET 2 FY m m o o 0 4 - 1 - 00 ¥ --ĭ . . . 4 6 4 NANUFACTURER'S NAME & LOCATION FY FY 50 A2 A2 > K HC < 4 2 z TF, Fort Wayne, Indiana ITEM AND MANUFACTURER BLI NR. 451000 TOTALS

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0.0 EXHIBIT P-40 FY 2001 047239 0.0 RCN: FY 2000 0.0 0 FY 1999 MODIFICATION KITS (TEL) The COMSEC cable line is in support of various communications security systems being fielded including the KY-99 MINTERM, the Electronic Key Management System, the Data Transfer Device, and the STU III. COMSEC cables will interface with various communications devices, to include radios, DATE 0.0 0 PAGE NO. FY 1998 P-1 ITEM NOMENCLATURE: P-1 SHOPPING LIST switches, computers and satellites to provide secure transmissions at all times. 0.0 0 FY 1997 ITEM NO. Models of systems affected: COMSEC Cables - EKMS, DTD, KY-99, STU III 32 BUDGET ITEM JUSTIFICATION SHEET 1.1 0 FY 1996 FY 1996 \$1.073 Modifications under this line are for COMSEC Cables. (\$ IN MILLIONS) FY 1995 1.1 0 FY 1995 \$1.087 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-01 procurement in BLI 463700 APPROPRIATION/BUDGET ACTIVITY: 455500 MODIFICATION TITLE COST (IN MILLIONS) BLI COMSEC CABLES QUANTITY

TOTAL COST		WEAPON SYSTEM COST ELEMENTS COMSEC CABLES CONTRACTOR SUPPORT TRAVEL NEW EQUIPMENT TRAINING	IDENT. CODE	ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4 ACTIVITY TITLE/NO: ACTIVITY AC	MODIFICATION KITS (TEL) RCN: 047239 FY 1995 ONT COST TOTAL COST VAR 945 30 30	VAR 945 VAR 945 30	FY 1996 UNIT COST	PLANT CITY/STATE LOCATION VARIOUS QTY FY 199 TOTAL COST UNIT CO VAR 927 21 21 21 21	STATE STATE FY 1997 UNIT COST	TOTAL COST
	1087	TOTAL COST				1087		1073		

		PROCUREMENT HISTORY	48	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY	T ACTIVITY:				P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	[TY	4	1	MODIFICATIO	MODIFICATION KITS (TEL)	_	RCN:	047239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	AHO	TIND		SPEC	IF YES
COMSEC CABLES/ FY95	USACCSLA Ft Huachuca, AZ	MIPR	СЕСОМ	JAN95	JUL95	5150	143	YES	NO	N/A
FY95	TRACOR Chesapeake, VA	MIPR	NAWCAD	SEP95	NOV95	VARIOUS	VARIOUS	YES	NO	N/A
FY95	TRACOR Chesapeake, VA	MIPR	NISE EAST	SEP95	DEC95	400	599	YES	NO	N/A
FY95	MOTORLA Scottsdale, AZ	MIPR	NSA	MAR95	AUG95	VARIOUS	VARIOUS	YES	NO	N/A
FY96	TRACOR Chesapeake, VA	MIPR	NISE EAST	MAR96	OCT96	VARIOUS	VARIOUS	YES	NO	N/A
DEMADEC.										
	Five different cables and various quantities for each are being purchased on one contract.	ous quantiti	es for each	are being	purchased on	one contrac	t;			
BLI NR.	R. 455500			P-1 ITEM NO.	P-1 SHOPPING LIST PP	PAGE NO.			EXHIBI	EXHIBIT P-5A
				34	3					

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: CC

COMSEC Cables

MODELS OF SYSTEMS AFFECTED:

EKMS, DTD, STU III, KY-99, KY-68

DESCRIPTION/JUSTIFICATION:

Cables produced will interface the above listed systems with various transmission systems, to include MRC-138, GRC-193, AAVC7, AND LAV-AD.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in Millions)

TOTAL	₹O
TOI	OTY S
O COMP	•oi
TO	QTY S
2000	es)
FY 2000	OTY
FY 1999	soi.
FY 1	S XIO
Y 1998	ŧO.
FY	OTY S
FY 1997	€O\$
FY	OTY
TX 1996	·Oį
FV	OTY S
FY 1995	₹Ø
FV	OTY

RDT&E

PROCUREMENT Kit Quantity

1		
Installation Kits		
Install. Kits Nonrecurring	.945	.927
Equipment	0	0
Equipment Nonrecurring	.049	.051
ring Change Orders	0	0
	.093	.095
Training Support	0	0
Support Equipment	0	0
	0	0
Interim Contractor Support	0	0

31-4

TOTAL TOTAL 7 MONTHS OTX TO COMP FY 2000 PRODUCTION LEAD-TIME: FY 2000 OTX S FY 1999 ev 1999 ory s FY 1998 FY 1998 OTX S 5 MONTHS FY 1997 FY 1997 FX 1997 OTX S FY 1997 ADMIN LEAD-TIME: 1.073 EY 1996 OTY \$ FY 1996 MAR 96 FY 1996 OCT 96 FY 1996 1.087 FY 1995 TY S OLX METHOD OF IMPLEMENTATION: Field Installed Kits)
Kits)
Kits)
Kits)
Kits)
Kits)
Kits) (FY 1995) Eqpt (
(FY 1996) Eqpt (
(FY 1997) Eqpt (
(FY 1998) Eqpt (
(FY 1999) Eqpt (
(FY 2000) Eqpt (
(TO COMP) Eqpt (TOTAL PROCUREMENT COST INSTALLATION OF HARDWARE TOTAL INSTALLATION COST INSTALLING SCHEDULE: CONTRACT DATES: DELIVERY DATES: OUTPUT INPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

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0.0 FY 2001 949509 0.0 RCN: FY 2000 ITEMS LESS THAN \$2 MILLION (TEL) 0.0 0 FY 1999 DATE 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE 0.0 0 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 1.4 0 FY 1996 04 2.2 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

This is a roll-up line which contains many different and unrelated items of equipment for which the annual procurement is less than \$2 Million each. The only thing these different items have in common is that they all are related to the Telecommunications (TEL) mission area. The funds included in this budget line allow procurement of the following items:

- Marine Corps Automatic Test Equipment System (MCATES) funding provides for integration and fielding of the AN/USM-631 Test Station.
- * Power Supply equipment which provides direct current (DC) voltage from an alternating Voltage (AC) power source. This enables communication equipment to operate without using batteries. It also provides DC voltage to aid in the maintenance of electronic equipment.
 - * Tools, Sets, Kits, & Chests (TSK&C) are general purpose tools and support items used to support the installation, operation, and maintenance of communications equipment.
 - * Joint Communications Support Element (JCSE) equipment modernization. This effort funds the Marine Corps share of efforts to keep the JCSE equipped with the latest state-of-the-art equipment to accomplish its Joint

All of these items are Code A

FY 97-01 procurement in BLI 463700 and 463900

BLI NR. 456700

P-1 SHOPPING LIST

ITEM NO. PAGE NO.

EXHIBIL

WEALON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 04	B. WEAPON MO ITEMS LESS T	B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (TEL) (RCN 949509)	PULAR NAME N (TEL)	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	JRER NAME STATE	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.		UNIT COST	QTY TOTAL COST	FY 1996	QTY TOTAL	FY 1997	VTQ
Auto Test Equip (MCATES) (RCN 044197)	e e			50		1000	TGO TTMO	TOTAL COST
Power Supply 0-30 Volt	ď		Various	1582	Various	711		
24-28 Volt 20-80 Volt	4 4							
Logistics Supply Testing, Tech Data, Manuals, Training (RCN 040288)	1			343				
Tools Sets, Kits, Chests (TSK&C) (RCN 040958)	æ				Various	456		
JCSE Modernization	æ		Various	188	Various	247		
TOTAL COST				076				
BLI NR.	456700		D-1 CHOPP	2163		1414		
THE WAY			ITEM NO. PAGE N 33	ING LIST PAGE NO.				EXHIBIT P-5

	PF	PROCUREMENT HISTORY &	HISTORY & PL	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NC	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVIT	Ā.	04		ITEMS LESS	ITEMS LESS THAN \$2 MILLION (TEL)	TION (LET)	RCN:	949509	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	VTO	UNIT	SPECS	SPEC REV	IF YES WHEN
AUTOMATIC TEST EQUIPMENT FY95	CI	VARIOUS	MCLB ALB	VARIOUS	VARIOUS	N/A	*05	N/A	N/A	N/A
POWER SUPPLIES FY95 FY96	UNKNOWN UNKNOWN	C/FPO C/FPO	USMC	APR95 JUN96	VARIOUS	VARIOUS	1925* 711*	YES	N/A N/A	N/A N/A
TOOL SETS, KITS & CHESTS V	STS VARIOUS	C/FP	USMC	VARIOUS	VARIOUS	VARIOUS	456*	YES	N/A	N/A
JCSE MODERNIZATION FY95 FY96	VARIOUS VARIOUS	VARIOUS	USMC	VARIOUS	VARIOUS	VARIOUS	188*	YES	N/A N/A	N/A N/A
REMARKS:	* Reflects total oc	cost in thous	in thousands of dollars	lars (Many	different i	(Many different items are being bought)	ing bought)			
BLI NR.	456700			P-1 ITEM NO.	P-1 SHOPPING LIST	PAGE NO.			EXHIB	EXHIBIT P-5A

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0.0 EXHIBIT P-40 FY 2001 140014 0.0 POSITION LOCATION REPORTING SYSTEM (PLRS) RCN: 0 FY 2000 0.0 0 FY 1999 DATE 0.0 0 P-1 SHOPPING LIST ITEM NO. PAGE NO. FY 1998 P-1 ITEM NOMENCLATURE: 0.0 0 FY 1997 34 BUDGET ITEM JUSTIFICATION SHEET 0.0 0 FY 1996 0.001 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY ₹Ø÷ FY 99 procurement in BLI 464000 APPROPRIATION/BUDGET ACTIVITY: 458800 FY95: \$1K TO KEEP LINE OPEN COST (IN MILLIONS) BLI NR. QUANTITY

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0.0 1. The AN/TYQ-23 (V)1, Tactical Air Operations Module, is an electronic tactical data system which, when supported with sensors, power sources, support equipment, and personnel, provides the US Marine Corps with the capabilities of integrated air defense, supplemental enroute traffic control management, and data link to external agencies for real time exchange of tactical air data. 2001 (V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) 140034 F 0.0 RCN: FY 2000 3. These upgrades will open up the system architecture, provide an automated air tasking order capability, tactical missile defense, and a battle management facility. The open architecture facilitates 0.0 0 FY 1999 This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and 2. This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and incorporation of COTS equipment into the existing TAOC platform. This initiative will upgrade the system to include Joint Tactical Data Links (TADIL-J), Sector Anti-Air Warfare Facility (SAAWF), DATE 0.0 0 operator console units, and the TPS-59 radar interface, representing four major elements. 1998 AN/TYQ-23 P-1 ITEM NOMENCLATURE FY 0.0 0 FY 1997 Ś 2.4 BUDGET ITEM JUSTIFICATION SHEET 0 1996 Four Tactical Air Operations Modules constitute one system. FY ts: 3.7 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Ēζ FY-97-FY01 PROCUREMENT IN BLI 464000 Ś APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) TADIL-J upgrade QUANTITY

EXHIBIT P-40

PAGE NO.

SHOPPING LIST

P-1 ITEM NO. 35

459400

BLI NR.

B. WEAPON MODEL/SERIES/POPULAR NAME C. MANUFACTURER NAME D. DATE AN/TYQ-23(V)1 TACTICAL AIR OPERATIONS PLANT CITY/STATE MODULE (TAOM) LOCATION LITTON DATE RCN 140034) LITTON DATE LOCATION ACTION ACT			3653 2370 0	P-1 SHOPPING LIST EXHIBIT P-5
A. APPROPRIATION/BUDGET B ACTIVITY TITLE/NO: AN BUGGET ACTIVITY 4				
	IDENT.			459400
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	AN/TYQ-23(V)1 TACTICAL AIR OPERATIONS MODULE PRODUCT IMPROVEMENT PROGRAM OCU UPGRADE SECTOR ANTIAIR WARFARE FACILITY (SAAWF) JTIDS INTEGRATION RADAR INTERFACE (TMD) GFE REPAIR Contractor Support Services (PRODUCTION) IKP Training (Factory) Contractor Support Services (PIP) IKP Training (Factory) Contractor Support Services (PIP)	TOTAL COST	BLI NR.

IF YES WHEN AVAIL EXHIBIT P-5A AN/TYQ-23 (V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) NA SPEC REV RQRD RCN: 140034 NO SPECS AVAIL NOW DATE: YES UNIT COST 2100000 P-1 ITEM NOMENCLATURE: PAGE NO. QTY P-1 SHOPPING LIST DATE OF FIRST DELIVERY May 97 ITEM NO. AWARD DATE FEB 96 35 PROCUREMENT HISTORY & PLANNING CONTRACTED BY SYSCOM CONTRACT
AND
BETHOD
C
LOCATION
AND TYPE
Litton Data SystemsSSFFP
Agoura Hills, CA PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 459400 APPROPRIATION/BUDGET ACTIVITY: BLI NR. LINE ITEM/ FISCAL YEAR OCU Upgrade FY 1996 REMARKS:

SHEET 1 OF 1 CC NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUN JUL, AND SEE CCT NOV DEC 3NN PEB NAR ARR MAY JUL ARR	XU Upprade BA MC 1 1	00 01 071 071 077 078 NOV DEC JAN FEB	нав арв нау Jun Jun дис	SEP OCT NOV DEC OAN PEB MAR AFR HAX JUS	JUN JUL AUG BEP OCT MAY DEC JAN FEB HAR A	B MAR APR MAY JUN JUL AUG SEP
The Court of the C		OP 1 OCT NOV DEC	HAR APR HAY JUN JUL AUG	PEB MAR APR HAY	JUL ANG SBP OCT NOV DEC JAN PEB	HAR APR HAY JUL AUG SER

0.0 FY 2001 140054 0.0 0 2000 ADVANCED TACTICAL AIR COMMAND CENTRAL FY 0.0 FY 1999 DATE 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE 0.0 0 FY 1997 9.1 BUDGET ITEM JUSTIFICATION SHEET FY 1996 \$ 0.0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

ATACC provides computer assistance to Marine Corps planners and operators to facilitate coordination of air designed to provide the Aviation Combat Element (ACE) Commander with the capability to plan, coordinate, and direct Marine Air Ground Task Force (MAGTF) ATACC provides automated data exchange and processing of tactical information; automated generation of Air Tasking Orders (ATOs) by integrating Contingency Theater Automated Planning System (CTAPS) and computer assistance in maintaining status information. Planners and operators have access to information from a shared database which is automatically control, and communications system updated by messages received from TADIL-A, TADIL-B, NATO Link-1, TADIL-J, and JICS/MTF. The Advanced Tactical Air Command Central (ATACC) is a transportable command, battle planning and execution. tactical air operations.

distribution system - the Mobile Enhanced Communications Distribution System (MECDS), upgrades the common hardware, upgrades software to Global Command and Control System (GCCS) mid-term concept of employment (COE), adds TADIL-J integration and Joint Tactical Interface Distribution System (JTIDS) connectivity, and provides improvements in supportability. The program received Milestone Decision Authority MS II approval for Phase II on 14 April 1995. The ATACC will replace the 1960s technology of the redefined the program to a three phase evolutionary acquisition. Phase I provides the initial capability and uses the existing Subsequent year funding provides for a common voice communications Software is 65 percent NDI. Developed software will be written in Ada as directed by DOD. The MS III decision in March 1994, prototype four shelter per MEF system reconfigured and upgraded to a one shelter per MEF system, plus software fixes required Two additional non-deployable ATACC will maximize use of non-developmental hardware and software items. ATACC hardware is 95 percent NDI or modified NDI by the operational test, purchase of CTAPS, and a replacement for the current bubble shelter. systems are required for training and software integration. Subsequent year funding provides AN/TYQ-1 and AN/TYQ-3A.

ACQUISITION OBJECTIVE (A/O): 6

d prior: 6 = 100% of Phase I A/O plus initiation of the Phase I improvements Continuation of Phase I improvements FY 94 and prior: FY 96: Continuat

APPROVAL FOR SERVICE USE: FY 94 = CODE

FY 97-00 PROCUREMENT IN BLI 463100.

BLI NR. 459700

P-1 SHOPPING LIST ITEM NO. PAGE NO

f No. PA

EXHIBIT P-4

The state of the s		ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	ADVANCED TACT (ATACC)	ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC) RCN: 140054	DVANCED TACTICAL AIR COMMAND CENTRAL ATACC) RCN: 140054	PLANT CITY/STATE LOCATION Various	STATE	
WEAPON SYSTEM COST ELEMENTS C	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
AN/TYQ-51 REFURBISHMENT	A							
SHELTER SYSTEM					1,754,500	7018		
CTAPS						4		
Active Component Reserve Component						(6838)		
TOTAL COST	•			0		9118		
BLI NR. 459	459700		P-1 SHOPPING LIST ITEM NO. PAGE N	0				EXHIBIT P-5

.

		IF YES	AVALL N/A	N/A		EXHIBIT P-5A
	140054	SPEC	NO	ON		EXHIBJ
DATE:				X EX		
	OMMAND CEN	TIND	00	525,000		
	ENCLATURE: TICAL AIR C		4	4		PAGE NO.
	P-1 ITEM NOMENCLATURE: ADVANCED TACTICAL AIR COMMAND CENTRAL PORM	DATE OF FIRST	DEC 1996	JUN 1996		P-1 SHOPPING LIST O
PLANNING		AWARD	DEC 1995	Mar 1996	F	ITEM NO.
W	4	CONTRACTED		USAF		
PROCUREMENT HISTORY	Į.	CONTRACT METHOD		A.		
4	ACTIVITY: ORPS/BUDGET ACTIVIT	CONTRACTOR	AF/	SAN DIEGO, CA	750700	
	APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	LINE ITEM/	AN/TYQ-51 REFURBISHMENT SHELTER SYSTEM FY 96	CTAPS FY 96	REMARKS:	DLL NK.

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: ADVANCE TACTICAL AIR COMMAND CENTRAL (ATACC)

SUSTAINMENT

0		1	-	-	l ,	0	0
WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE:	II MARINE EXPEDITIONARY FORCE:	III MARINE EXPEDITIONARY FORCE:	SELECTED MARINE CORPS RESERVE:	SUPPORT ESTABLISHMENT:	NORWAY AIR LANDED BRIGADE:

0

9

9

APPROVED ACQUISITION OBJECTIVE

TOTAL:

TAMCN/DODIC: ACQUISITION OBJECTIVE: ENDI INVEN: *FY BUDGET *OTHER TOTAL	A00013 6	1	ED TACTICAL	AIR COMMAND CENTRAL	(ATACC)
BUDGET HER TOTAL		RCN: 14	140054		•
BUDGE	ENDING INVENTORY 0 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
		7 7	0	0	0
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0	0	0	
NET CHANGE (+/-)		2	0	0	0
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	4	9	9	9	9
TOTAL \$M VALUE	26.0	32.3	\$ 32.3	\$ 32.3	\$ 32.3
% A/O ON HAND/FUNDED	8 19	100 %	100 %	100 %	100 %
COMMENTS: The prototype systems used in refurbished to provide a total inventory of deployable systems and two supporting estables for training and software integrationary 97-01 PROTUREMENT IN R.1 463100	ems used in OT nventory of fo rting establis e integration.	are being ur hment	FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	D BUY - QUANTITY: VALUE: D BUY - QUANTITY: VALUE:	# # S
BLI NR. 4597		P-1 SHOPI ITEM NO.	SHOPPING LIST PAGE NO.		EXHIBIT P-20A
		36	-		

		80 6	PRO	PROGRAM OUANTITY	JUANT	T.K.	Ť	200	11 (SCAL	YEAR		95			FISCAL YEAR: 96		State of the last	*****	118	CAL	EAR		96			П		H		1	ISCAL	PISCAL YEAR	-	97							
ITEM AND MANUPACTURER U/M	N/H	n # >	Y.A.	y a	1 4 L	PY PY		TO AS OF 1 OCT1 OCT OCT NOV DEC JAN FEB HAR	0 00	T NOV	, DEC	JAN	PEB	AR A	APR MAY	NY JUN	JUL N	L AUG	SBP	AUG SEP OCT NOV DEC JAN FEB HAR AF	NOV	DEC	JAN	CALENDAR YEA JAN FEB HAR	VEAR A A	#	HAY JU	96 บบ พกก	JUL AUG		SEP OC	OCT NOV	DV DEC		CALENDAR YE. JAN PBB MAR	B HAI	YEAR:	A HAY	202	JUL JUL	AUG	SBP
SHELTBR SYSTEM USAF/USA	ន	HC.	66	_			0	4	-								-	-				<		1			-						-		-	-						
SHELTER SYSTEM/RESERVES USAF/USA	* ā	¥		-			°	1	+-					1	+		-	\vdash				<	1		+	1	+-	+-	+-	+	-	+-	+	+-	+		-					
CTAPS SUN CORP	á	Ž		*	\vdash		°	4	+-						-	+-	-	-						1	4		-	-	-		+	+	+	-	+-	-	-					
CTAPS (RESERVES)* SUN CORP	వ	Ď.			+		0		+						-	_	-	-	1						<	-	+-	+	-	-	+	+-	+	-	+	-	-					
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					HS	SHBBT 1	ďO	-		OCT NOV	DEC	DEC JAN	FEB N	HAR AP	APR HA	HAY JUN JUL	4 JUL	AUG	SEP	ocr 1	OCT NOV DEC	DEC J	JAN P	P.B.B. M.A.	MAR APR	PR MAY	NO T	JUL W	L AUG	G SEP	P OCT	T NOV	v DEC	C JAN	N FEB		HAR APR MAY	MAY	מתא	JUL A	AUG 8	SBP
HANUPACTURER'S NAME & LOCATION SHELTER (USAF/USA) CTAPE (SUN CORE, SAN DIEGO, CA)	SR'S N	CA)	COCATIC				id N	PRODUCTION BATES HIN SUST 1.8-5 HAXIHUM	-8-5	HAX	THUM	REACHED D+	Gall						PROC	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR AFTER 1 OCT 1 OCT	ADMIN LEAD TIME PRIOR APTER 1 OCT 1 OCT	AD TIME APTER 1 OCT		HANU- PACTURING TIMB	NU- DRING		TOTAL AFTER 1 OCT		# # #	HARK	WB Li	I BB I	IS NO	N-ADI	PEMARKS: * RESERVE LINE IS NON-ADDITIVE	_E						
BLI NR. 459700						Н		H		Ц			П	A F	REORDER (Previous Source P-1 SHOPPING LIST ITEM NO. PAGE NO.	HOPPI J.	NG L.	IST IND.	urce		Н		H			\parallel		H	_											EXHIBIT P-21	d E	-21

0.0 FY 2001 140024 0.0 FY 2000 MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) ROLL-UP The MTACCS line ends in FY 95, the TCO line begins in FY 96 and the Command Post Systems line starts in FY 97, 0.0 FY 1999 DATE This is a rolled line for the Marine Tactical Command and Control System (MTACCS) consisting of: 0.0 FY 1998 P-1 ITEM NOMENCLATURE: \$ 0.0 FY 1997 - Direct Air Support Central (DASC) Product Improvement Program (PIP) BUDGET ITEM JUSTIFICATION SHEET FY 1996 8.0 \$ FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Tactical Combat Operations (TCO) APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

461000 BLI NR.

P-1 SHOPPING LIST ITEM NO.

PAGE NO.

37

EXHIBIT P-40

C. MANUFACTURER NAME D. DATE PLANT CITY/STATE LOCATION VARIOUS	QTY FY 1997 QTY TOPAL COST INTE COST		(5449)	EXHIBIT P-5
LIAR NAME CONTROL	FY 1996 UNIT COST			
B. WEAPON MODEL/SERIES/POPULAR NAME MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) RCN: 140025 ROLL-UP	FY 1995 QTY UNIT COST TOTAL COST	2,788	(2062)	P-1 SHOPPING LIST ITEM NO. PAGE NO.
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY				The state of the s
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM IDENT. COST ELEMENTS CODE	TCO A A	INITIAL SPARES	BLI NR. 461000

0.0 any level of MAGTF/operation. The IDASC PIP is a GCCS migration system, that will utilize both the Marine Corps common hardware automation hardware, as well as the MAGTF C41 software baseline. Improved capabilities include automated interfaces to the Digital Communications Terminal (DCT), Advanced Factical Air Command Central (ATACC), Position Location Reporting System (PLRS), Advanced Field Artillery Tactical Data System (AFATDS), and Tactical Combat operations (TCO). NSWC Crane, the Principal Development Agent, is responsible for both the FY 2001 equipment (the AN/TSQ-155(V) Improved Direct Air Support Central (IDASC) and the OE-334 Antenna Coupler Group) into a lightweight, highly mobile, modular system. This effort will incorporate existing hardware, COTS/modified-COTS and selected automation hardware and software into a single, five shelter, HMMW mounted system (3 Ops and 2 Comm), which will allow for DASC task organization as required to support 146294 The DASC PIP is primarily a non-developmental effort which repackages the capabilities of two systems that comprise the existing DASC MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) 0.0 2000 AN/TSQ-155(V)/OE-334 ANTENNA COUPLER GROUP/DASC AUTOMATION FY DASC 0.0 DIRECT AIR SUPPORT CENTRAL FY 1999 DATE 0.0 PAGE NO. FY 1998 P-1 SHOPPING LIST P-1 ITEM NOMENCLATURE: 6 0.0 0 FY 1997 10 = 50%16 = 80%END ITEM ITEM NO 0.0 JUN 97 OCT 95 JUN 97 BUDGET ITEM JUSTIFICATION SHEET c INSTALLATION FY 1996 APPROVAL FOR SERVICE USE: FY95= CODE A 20 OE-334s BEGIN: OE-334s: BEGIN END: 2.8 10 FY 1995 32 6 = 19810 = 318PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY TSQ-155s: downsizing and the automation efforts. INSTALLING AGENT NSWC CRANE, IN NISE WEST SAN APPROPRIATION/BUDGET ACTIVITY: DIEGO, CA ACQUISITION OBJECTIVE (A/O): 461000 TSQ-155s 1994 AND PRIOR: COST (IN MILLIONS) BLI NR. IDASC PIP QUANTITY FY 1994 FY 1995

37

BUDGET ITEM JUS	BUDGET ITEM JUSTIFICATION SHEET	DATE
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:
	4	MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) (DASC) 146294
MODELS OF SYSTEMS AFFECTED: AN/TSQ-155V IDASC & OE-334	& OE-334 ANTENNA	
MODIFICATION TITLE	FY 1995	FY 1996
DASC PRODUCT IMPROVEMENT PROGRAM	2.788	0
TOTAL	2.788	
BLI NR. 461000		P-1 SHOPPING LIST ITEM NO. PAGE NO.

Walker Street Corp. Feet 1995 Corp.	WEADON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODE MARINE TACTICAL SYSTEM (MTACCS) RCN 146294	B. WEAPON MODEL/SERIES/POPULAR NAME MARINE TACTICAL COMMAND AND CONTROL SYSTEM (MTACCS) RCN 146294 (DASC)	ULAR NAME CONTROL	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NSWC, CRANE, IN	JRER NAME STATE IN	D. DATE
SHEATER A		IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST		FY 1997	VTV TOWN
ELTERS # A COUNTING MODE ONE SELECTED STATE DIST. 728 1114	4			210,718				1000 1100	TOTAL TOTAL
OSTS: ISTORING, PREA, ISTORING, PREA, ISTORING SUPPORT RERING SUPPORT TOTAL COST BLJ W. 461000 THE HOST TOTAL COST BLJ W. 461000 THE HOST TOTAL CLEST THE NO. FAGENO. THE NO. FAGENO.	LMS SHELTERS SHELTER MOUNTING MODS OE-334 (COMM SHELTER)								
TOTAL COST TOTAL	DOWNSIZING PIP			185,728					
INDERING SUPPORT RAINING REBLIG SUPPORT TOTAL COST BLI NR. 461000 TOTAL COST TABLE NR. 1800 PAGE NO. 1776 TOTAL COST T	SUB-TOTAL								
TOTAL COST BLI NR. 461000 TOTAL COST BLI NR. 961000 TOTAL COST TEM NO. PAGE NO.	TIS (PROVISTONING FWED								
TABERING SUPPORT RAINING BERING SUPPORT TOTAL COST BLI NR. 461000 BLI NR. 461000 TITER NO. PAGE NO. TITER NO. PAGE NO. TITER NO. PAGE NO. TITER NO. PAGE NO.	TM'S)				n o				
Sand	H/W & ENGINEERING SUPPORT DRAWINGS				236				
### RAINING ##################################	TESTS TECH DATA				29				
TOTAL COST BLI NR. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO. 3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.	FACTORY TRAINING S/W ENGINEERING SUPPORT				82				
. 461000 PAGE NO. PAGE NO. PAGE NO. PAGE NO.	SUB-TOTAL								
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
. 461000 2788 ITEM NO. PAGE NO. 2788									
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
. 461000 P-1 SHOPPING LIST ITEM NO. PAGE NO.	TOTAL COST				2788				
PAGE NO.		61000		P-1 SHOPI	PING LIST				EXHIBIT P-5
				ITEM NO.	PAGE NO.				

	T	PROCUREMENT H	HISTORY & PL	PLANNING				DATE:		
APPROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVI		4		MARINE TACT (DASC)	MARINE TACTICAL COMMAND AND CONTROL SYSTEM (DASC)	D AND CONTR	OL SYSTE	EM (MTACCS) 146294	(500)
1 13	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	VTQ	UNIT	1	SPEC REV RORD	IF YES WHEN AVAIL
DASC (OPS SHELTER) FY 95	NSWC, CRANE, IN	C/FFPO	NSWC, CRANEMAR	MAR 95	JAN 95	4	210718		NO	N/A
OE-334 (COMM SHELTER)										
REMARKS:	REMARKS: Unit cost	includes	downsized sh	shelters, rapid	assembly	tents, cables,	and	integration costs	n costs	
BLI NR.	461000			P-1 ITEM NO. 37	P-1 SHOPPING LIST PA - 6	PAGE NO.			EXHIB	EXHIBIT P-5A

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

IMPROVED DIRECT AIR SUPPORT CENTRAL (IDASC) PRODUCT IMPROVEMENT PROGRAM (PIP)

MODELS OF SYSTEMS AFFECTED:

AN/TSQ-155V IMPROVED DASC (IDASC) OE-334 ANTENNA COUPLER GROUP

DESCRIPTION/JUSTIFICATION:

task organized and operated internal or external to the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler Group shelters, or external to the DASC operations shelters. Equipment procured under this effort will be modular and allow the system to be Improved capabilities include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

> MAJOR DEVELOPMENT MILESTONES: DEVELOPMENTAL STATUS/

Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and NSWC, Crane IN

FINANCIAL PLAN: (\$ in Millions)

	EX 1995 OTX \$	FY 1996 OTY \$	FY 1997	FY 1998 OTY S	FY 1999 OTY S	ory s	TO COMP	TOTAL	v
							*	***	al
RDT&E									
PROCUREMENT								ć	0
177	0								0.00
ALC Quantity	OT							10	
Installation Kits									00000
Install. Kits Nonrecurring									000
Equipment									0.000
Equipment Nonrecurring	2.245								2 245
Engineering Change Orders									000
Data	0.127								0 127
Training Support	0.082								0.082
Support Equipment									0.00
Other	0.334								0.334
Interim Contractor Support									000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

	EY 1995 OTY \$	FY 1996 OTY \$	FY 1997 OTY \$	FY 1998 OTX \$	FY 1999 OTX \$	FY 2000	TO COMP	LO	TOTAL
INSTALLATION OF HARDWARE									0
Eqpt (0
Eqpt (Eqpt (00
Equet (00
(FY 2000) Eqpt (Kits)									0 0
(To COMP) Eqpt (Kits)									0
TOTAL INSTALLATION COST	0 0.000	000.00	000.000	0 0.000	000.000	0 0.000	0 0.000	000	
TOTAL PROCUREMENT COST	2.788	0.000	0.000	0.000	0.000	0.000	0.	0.000	
METHOD OF IMPLEMENTATION:		ADMIN LEAD-TIME:	-TIME:	MONTHS	PRC	PRODUCTION LEAD-TIME:	-TIME:	MONTHS	
CONTRACT DATES:	FY 1996		FY 1997	7					
DELIVERY DATES:	FY 1996		FY 1997	7					

EXHIBIT P-3A INDIVIDUAL MODIFICATION

EX 2000

FY 1999

FY 1998

FY 1997

FY 1996

FY 1995

INSTALLING SCHEDULE:

OUTPUT

INPUT

0.0 FY 2001 144124 0.0 RCN: 0 2000 FY TACTICAL COMBAT OPERATIONS (TCO) 0.0 FY 1999 DATE 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE: 0.0 FY 1997 0.0 BUDGET ITEM JUSTIFICATION SHEET 1996 Ēζ S 5.2 98 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS **UANTITY**

Tactical Combat Operations (TCO) will be the Marine Air Ground Task Force (MAGTF) commanders' workstation within the Marine Tactical Command and Control System (MTACCS). TCO will provide senior and subordinate commanders with the automation to receive, fuse, display, and disseminate select information from other component systems of MTACCS. Additional TCO attributes include: automated message management, mission planning, development and dissemination of operations orders and overlays, display of current friendly/enemy situation, display of fire support and maneuver control measures, and interfaces with local and wide area networks.

FY96 funding is budgeted in the TCO line (BLI 461300). FX98-01 funding is budgeted in the Command Post Systems line.

TCO ACQUISITION OBJECTIVE (A/O):

880

98 = 11% OF A/O

FY95:

APPROVAL FOR SERVICE USE: FY 95 = CODE A

BLI NR. 461000

P-1 SHOPPING LIST ITEM NO. PAGE NO.

37

1

EXHIBIT P.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5) WEAPON SYSTEM	TDENT	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MO TACTICAL COMB (RCN 144124) FV 1995	B. WEAPON MODEL/SERIES/POPULAR NAME TACTICAL COMBAT OPERATIONS (TCO) (RCN 144124) FV 1995	(TCO)	TTY/ Tack	URER NAME STATE ard Va. Fev 1007	D. DATE
COST ELEMENTS	CODE		UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
HARDWARE COSTS TAC IV Computer	ď		37600	3685				
TAC IV Expansion Box	4		14750	50 737				
TCIM (Army MODEM)	ď.		8700	53 461				
Transit Cases	æ	30 T. I	009	148 89				
SUPPORT COSTS ILS Program Management Travel				111 100 62				
TOWN. COST								
DIT NO	461000			5245		0		
· WY THO	00070*		ITEM NO.	EM NO. PAGE NO.				EXHIBIT P-5

	P.	PROCUREMENT HISTORY & PLANNING	ISTORY & PLA	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
ROCUREMENT, MARINE	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		4	1	TACTICAL CO	TACTICAL COMBAT OPERATIONS (TCO)	ONS (ICO)	NOG	144124	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	AHO.	UNIT	SPECS	SPEC	IF YES WHEN
TAC IV FY95	Hewlett Packard, Chesapeake, Va.	C/FFP	Portsmouth	Jun 96	Feb 96	li .	37600	<u> </u>	NO NO	N/A
NOIS	newlett Fackard, Chesapeake, Va. SAIC, San Diego, Ca	C/FFP	Portsmouth US Army	Jun 95 Mar 95	Feb 96 Feb 96	53	14750	YES	o o	N/A N/A
Transit FY95 Cases	Packaging Strategie Inc., Baltimore, MD	C/FFP	NISE East	Mar 95	Feb 96	148	009	YES	ON	N/A
								a a secondario de la companio de la		
REMARKS:										
BLI NR.	. 461000			P-1 ITEM NO.	TSIL SHOPPING LIST	IST PAGE NO.			EXHIE	EXHIBIT P-5A
						11				

	"CODE B" ITEM D	B" ITEM DESCRIPTION			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ST ACTIVITY	4	E :	TACTICAL COMBAT O	OPERATIONS (TCO)	RCN:	144124
1. CURRENT DEVELOPMENT AND TEST	SST STATUS				SCHEDULE DATE		
			CURRENT	LAST REPORTED		REASON FOR DELAY	AY
		Plan/Actual	Jun 1995	Jan 1994		CONTINUAL TESTING	<u> </u>
	(IOT&E)	Plan/Actual		Mar 1994		EVERY SIX MONTHS	Ø
c. Operational Test & Evaluation (OT&E)		Plan/Actual	Jul 1995	Jun 1994			
		rianimocuar					
TED DATE OF	FOR SERVICE USE:		Sep 1995				
3. EQUIPMENT ITEM(S) TO BE REPLACED:		None					
4. EXTENT OF IMPROVEMENT OVER I	IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE	BE REPLACED:		N/A			
5. DEVELOPMENT CONTRACT INFORMATION		(RDT&E Fundin	E Funding Profile - \$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	NENT		CY (FY1995)	BY (FY1996)	BEYOND BY
					\$ 2.4	\$ 1.0\$	20.1
					w.	₩.	
					·ss-	₹A-	
					₩		
			•		£S.	₩.	
TOTAL RDT&E FUNDING					\$ 2.4	\$ 1.0	20.1
REMARKS: NISE East serves as system integrator with multiple contracts.	grator with multiple	contracts.					
						١	
BLI NR. 461000			P-1 SHO	SHOPPING LIST			EXHIBIT P-19
			ITEM NO.	PAGE NO.			
			37 -	-			

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	81	180
INITIAL ISSUE		
I MARINE EXPEDITIONARY FORCE:	199	
II MARINE EXPEDITIONARY FORCE:	203	
III MARINE EXPEDITIONARY FORCE:	136	
SELECTED MARINE CORPS RESERVE:	122	
SUPPORT ESTABLISHMENT:	40	
NORWAY AIR LANDED BRIDGADE:	0	
MARITIME PREPOSITIONING FORCE:	0	
TOTAL:		700
AKMK/ MFF OFFSET		0
APPROVED ACQUISITION OBJECTIVE		88

										OA
			FY 1997	0	0.		0 \$	* 0	× v	EXHIBIT P-20A
HR:	Operations (TCO)	1	FY 1996		0		0	8 0	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	
DATE:	Tactical Combat Oper 144124		FY 1995 98 0 0	0 0 0 0	86	86	\$ 5.2	11 %	1996 RECOMMENDED	ING LIST PAGE NO.
ICS	ITEM NAME: TAREN: 14		FY 1994	0	0		\$	80	FY	P-1 SHOPPING ITEM NO. 37 -
ASSET DYNAMICS	A2534 880	ENDING INVENTORY	2 E F				0	8 0		
	TAMCN/DODIC: ACQUISITION OBJECTIVE:		GAINS: *FY BUDGET *OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	COMMENTS:	BLI NR. 461000

ITBH AND MANUFACTURER	3 U/K	00 EX EX	PRO V	PY	P. P.	PY PY	1 2	ACC BAL FISCAL YI PRIOR DUB CY: 94 TO AS OF	BAL DUB S OF	PISCAL YBARI	7	a	CALBN	95 LENDAR YEAR:	95 ALBNDAR YEAR!	-		95			PISCAL YBAR	7 7	PISCAL YBAR	96 CALBNDAR	BAO!	YBAR		-	%_				PISCAL YBAR:	KBA		97 CALENDAR YBAR	N X X] [
	వ		95	\rightarrow	_	_	- 8	oca o	98	OCT 1	NOV I	DEC JAN		PEB NAR APR	R AP	R KAY	NO.	JUL	AUG	SBP	OCT.	NOV DEC		JAN P	PBB MAI	or.	APR MAY	NA JUN	A JUE		AUG SBP	P OCT	T NOV	v DBC		JAN PBB	MAR	APR	KAY	NOC	JUL AUG	S SRP
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					- VI	SHBBT 1		do	-	OCT NOV DEC	40v)BC	JAN	PEB MAR	R APR	R MAY		טטא טטב אטפ	AUG	SBP	OCT	NON	DEC J	JAN P	PEB MAR	NR AI	APR KAY	NY JUN	N JUE		AUG BBP	P OCT	T NOV		85	E E	MAR	APR	жух	DEC JAN FEB HAR APR HAY JUN JUL		AUG BEP
PACTUF	MANUPACTURER'S NAMB & BMIETT PACKARD, ORANGE PARK, PL.	K, Pb.	MANUPACTURER'S NAMB & LOCATION CARD, ORANGE PARK, PL.	NO			PROD MIN SUST 8	PRODU B 8	1-8-5 HAXINUH 40 80	S RATE	HAXIH		RBACHED D+	9	L F	INITIAL				PROC	PROCUREMENT LEAD THE ADMIN LEAD THE PRIOR AFTER 1 OCT 1 OCT 8	N LE	ADMIN LEAD TIME ADMIN LEAD TIME PRIOR AFTER 1 OCT 1 OCT		HANU- PACTURING TIMB 6	MANU- ICTURING TIME 8	\square	TOTAL AFTER 1 OCT 16		Rem	REMARKS: Purchases by other Mavy and Marine Programs Ramp up and even out production.	and	Pur	chasi	prod	Juct for	on.	Ny ar	Pu Ha	eula	Progra	i i
						1		1		1		1		1	d E	P-1 SHOPPING LIST ITEM NO. PAGE N	TOPPI	NG LIST	P-1 SHOPPING LIST	n ton		1		1			┨		-	-										"	BKHIBIT P-21	-di

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0.0 0 ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS) 2001 140064 FΥ 0.0 RCN: 0 FY 2000 0.0 0 FY 1999 DATE 0.0 0 1998 P-1 ITEM NOMENCLATURE: ĒΥ 0.0 0 FY 1997 Ś BUDGET ITEM JUSTIFICATION SHEET 210 11.9 FY 1996 ď 5.3 137 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY ŧΩ APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

Advanced Field Artillery Tactical Data System (AFATDS) will provide digital fire support Command Control (C2) automation to Marine nodems, printers, displays, electrical power distribution units and integration rack/shelter kits. Initial fielding will include Marine Corps Fire Support Command and Control System, similar to the Army's Initial Fire Support Automation System, to provide an initial capability. The system will work with existing and planned tactical communication equipment. The hardware suite is changing in FY-96 in order to support the system migration to the DoD Common Operating Environment. Air Ground Task Force (MAGTF) Fire Support Coordination Centers, Fire Direction Centers, and Supporting Arms Coordination Centers (Afloat). This line procures the hardware only. A hardware suite will consist of ruggedized general purpose computers, tactical

782 ACQUISITION OBJECTIVE (A/O):

271 = 35% of AO 408 = 52% of AO 618 = 79% of AO FY 1994: FY 1995: FY 1996: FY 1997-01: APPROVAL FOR SERVICE USE: FY-96 = CODE A

782 = 100% of AO

\$55,419 FY-96 UNIT COST: FY-99 PROCUREMENT IN BLI 463100.

461100 BLI NR.

PAGE NO. P-1 SHOPPING LIST ITEM NO.

38

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SEF ADVANCED FIELD ARTII DATA SYSTEM (AFATDS)	B. WEAPON MODEL/SERIES/POPULAR NAME ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS) (RCN 140064)	OULAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION	TATE TATE	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST		FY 1997	OTY TOTAL COST
ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM PROGRAM SUPPORT: TAD PROGRAM MANAGMENT ENGINEERING SUPPORT TRAINING MATERIAL INTEGRATED LOG SUPPORT FACTORY TRAINING ACTIVE COMPONENT RESERVE COMPONENT	æ		33, 151	137 4542 112 120 120 120 148 148 142 (3577) (1727)	55,419	210 11638 50 75 50 25 0 46 (9035) (2849)		
TOTAL COST				5304		1881		
BLI NR.	461100		P-1 SHOPI ITEM NO.	P-1 SHOPPING LIST EM NO. PAGE NO.		FOOTT		EXHIBIT P-5

NEMENT, MARINE CORPS/BUDGET ACTIVITY: LINE ITEM/ CONTRACTOR COST COST COST COST COST AGOUTE Hills, CA COST AGOUTE Hills, CA COST COST		ď	PROCUREMENT F	HISTORY & PL	PLANNING				DATE.		
ADVANCED FIELD ARTHLIERY	ROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NO	MENCLATURE:				
LINE TIEM,	CUREMENT, MARINE	CORPS/BUDGET ACTIVI)	1	4	1	ADVANCED FI	ELD ARTILLER	N TACTICAL	DATA SI	YSTEM (7	AFATDS)
LITTON/SAIC C/FFP CECOM JAN95 ARR95 137 33,151 YES NO LITTON Agoura Hills, CA C/FFP CECOM MAR96 JUN96 210 55,419 YES NO	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY		DATE OF FIRST DELIVERY	QTY	UNIT		SPEC REV RQRD	IF YES WHEN AVAIL
Agoura Hills, CA 25,419 KES NO	Advanced Field Artill FY95 FY96		C/FFP	DS) CECOM	JAN95	APR95	137	33,151		ON	N/A
		Agoura Hills, CA						v 14, v v			A/Z

EXHIBIT P-5A

P-1 SHOPPING LIST
SEM NO. PAGE NO.

ITEM NO.

461100

BLI NR.

ASSET DYNAMICS DATE:	DIC: A0011 RCN: 140064 TON OBJECTIVE: 782	ENDING INVENTORY 30 SEP 1993 FY 1994 FY 1995 FY 1997 271 210		IGE (+/-) """""""" 271 271 0	SITION: 408 618 SERVICEABLE SERVICEABLE SERVICEABLE UNSERVICEABLE UNSERVICEABLE UNSERVICEABLE	TOTAL \$ 271 \$ 408 618 0 618 0 6	HAND/FUNDED 0 % 35 % 52 % 79 % 0 %	: FY 1996 RECOMMENDED BUY - QUANTITY: 210 VALUE: \$ 11.9 M FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$ M	NR. 461100 P-1 SHOPPING LIST EXHIBIT P-20A
	TAMCN/DODIC: ACQUISITION OBJECTI	GAINS: *FY BUDGET *OTHER	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABL *STD UNSERVICEA *SUB SERVICEABL *SUB UNSERVICEABL	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	COMMENTS:	BLI NR. 4611

ITEM AND HANUFACTURER U/H		25524	SKAH CUAR	COANTITY	<	CC BY	L PI.	SCAL Y	EAR	*						1	ACAL ACAL	Y	2							PTG	PTSCAL VEAD	VEAD.	0	4						Ī
	m a >	74 Y4			PY 1	TO AS OF	OF CY1	93 Nov	CAL DEC JAN	ALENDA N PEB	PEB MAR AP	ENDAR YEAR: 94 FEB HAR APR HAY JUN JUL AUG	r JUN	94 JUL A	8	SP OCT NOV DEC	OCT NOV DEC JAN PEB HAR APR HAY JUN JUL AUG SEP OCT NOV DEC JAN FEB HAR	DEC	CALENDAR YEAR.	B HAF	APR	MAY	95 JUN 400	OF AU	98	200	NOV	DBC	CALENDAR JAN PEB	EB MA	YEAR!	HAY	Rt 96		AUG BE	SEP
LITTON/SAIC Agoura Hills, CA RA	HC.					0 13	137												<		20	20	37									-				1
LITTON/SAIC Agoura Hills, CA BA A		3800				0 3800	00		-							400	400	250 250 250	50 25	300	300	300	300 350	350	350											
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	WE & LOC	CATION			PRODUC MIN SUST	PRODUC	1-8-5	민교	HOH	REACHED D+					PRC	PROCURBMENT LEAD TIME ADMIN LEAD TIME	T LIN I'E	AD TI		HANU-		TOT	1 2	2	REMARKS:	Rese	rve 1	ine i	ARKS: ** Reserve line is non-additive.	-addi	tive.					
TTON/SAIC, Agoura Hills, CA	4					200	200	1000	8		1.17	INITIAL	I (Pre	(Previous Source	Source		PRIOR 1 OCT	APTER 1 OCT 3		PACTURING TIMB 3	ING	AFTER 1 OCT 6	PER 6		Gap	s in	the U	SMC p	roduci er USI	tion . HC pr	will	not s	top L	Gaps in the USMC production will not stop LCU production since Army and other USMC programs will still be procur	proce	¥ 3
BLI NR. 461100												P-1 SHOI	P-1 SHOPPING LIST (TEM NO. PAGE N	NG LIST PAGE NO.	. 0									1										EXHIBIT P-21	T P-2	2

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0.0 FY 2001 144124 RCN: 0.0 FY 2000 Tactical Combat Operations (TCO) 0.0 1999 DATE FY 0.0 1998 P-1 ITEM NOMENCLATURE FY €¢} 0.0 FY 1997 10.8 \$ BUDGET ITEM JUSTIFICATION SHEET 236 FY 1996 0.0 0 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY ĒΥ APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS DUANTITY

and related capabilities to Marine commanders and their staffs at the battalion level and above. TCO enables Marines to share a common picture of the battlefield throughout the Marine Air Ground Task Force (MAGTF), thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts overlay, messaging, This program provides digital mapping, This procurement covers the microcomputer needs of the TCO program. as well

THIS ITEM IS CODE A

TCO ACQUISITION OBJECTIVE (A/O): 880

FY95&PRIOR 98 = 11% OF A/O PY96: 334 = 38% OF A/O PY97: 564 = 64% OF A/O PY98: 780 = 89% OF A/O PY99-01: 880 = 100% OF A/O

The TCO line begins in FY 96, the MTACCS line ends in FY 95, Command Post Systems line starts in FY 97.

FY 97-99 PROCUREMENT IN BLI 463100.

BLI NR. 461300

P-1 SHOPPING LIST ITEM NO. PAGE NO.

f NO. P

EXHIBIT P-40

WEALON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/POI TACTICAL COMBAT OPERATIONS RCN: 144124		ULAR NAME (TCO)	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Hewlett Packard	RER NAME TATE rd	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996	QTY TOTAL COST	FY 1997	QTY
HARDWARE COSTS TAC IV Computer	A				37600		TOO TIMO	TOTAL COST
TAC IV Expansion Box	Ą				14750	8874 68 1003	·	
TCIM (Army MODEM)	¥	*			8418	56 471		
Transit Cases	ď				618	304 188		
SUPPORT COSTS								
ILS Program Management Factory Training/ Travel			A			65 113 79		
				300 (C)	·			
TOTAL COST						10703		
BLI NR.	461300		P-1 SHOPPING LIST ITEM NO. PAGE N	ING LIST PAGE NO.				EXHIBIT P-5

		PROCUREMENT HISTORY	28	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ET ACTIVITY:				P-1 ITEM NOMENCLATURE:	MENCLATURE:				
PROCUREMENT, MARIN	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	TLL	4		Tactical Cor	Combat Operations (TCO)	ons (TCO)			
								RCN:	144124	
LINE ITEM/	CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST		TIND	SPECS AVATI.	SPEC	IF YES
FISCAL YEAR	LOCATION	AND TYPE	BY	DATE	DELIVERY	ΔTΩ	COST	NOW	RQRD	AVAIL
TAC-IV FY96	HEWLETT PACKARD CHESAPEAKE, VA.	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 95	Apr 96	236	37600	YES	ON.	N/A
TAC-IV FY96	HEWLETT PACKARD CHESAPEAKE, VA.	C/FFP	PORTSMOUTH NAVAL SHIPYARD	Dec 95	Apr 96	89	14750	YES	ON	N/A
TCIM FY96	96 SAIC SAN DIEGO, CA	C/FFP	US ARMY CECOM	Oct 95	Apr 96	99	8418	YES	NO	N/A
Transit FY96 Cases	PACKAGING STRATEGIES, INC. BALTIMORE, MD.	C/FFP	NISE EAST MCSC	Oct 95	Apr 96	304	618	YES	ON.	N/A
									No.	
REMARKS:										

P-1 SHOPPING LIST
ITEM NO. PAGE NO.

BLI NR.

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	81 99 180
INITIAL ISSUE	
I MARINE EXPEDITIONARY FORCE:	199
II MARINE EXPEDITIONARY FORCE:	203
III MARINE EXPEDITIONARY FORCE:	136
SELECTED MARINE CORPS RESERVE:	122
SUPPORT ESTABLISHMENT:	40
NORWAY AIR LANDED BRIDGADE:	0
MARITIME PREPOSITIONING FORCE:	0
TOTAL:	700
WRMR/MPF OFFSET	(0)
APPROVED ACQUISITION OBJECTIVE	880

B PROCRAM CUANTYTY A		oo ax	1	PROGR	- P	_	L	PRIC	DO .	10	FCAL	CY: 94	U	95 ALENDAR	YBAR	-		95	2			FISCAL YEAR! 96 CALENDAR YEAR	1	CA	S S	R YE	ARI			96			FISCAL YBAR:	AL Y	BAR	CALENDAR YEAR	1DAR	YEAR			97		
ITEM AND MANUPACTURER U/M	N/W		74 6 74	PY PY 95 96	FY FY 96 97	PY 88	P.Y	- 6	TO AB OF	OF CT	OCT NOV DEC JAN	DBC	5	FBB	S. S.	APR MAY JUN	IAY J	5	7	1G 8B	AUG BEP OCT NOV	T. NO.	V DBC	JAN	PBB	JAN PBB HAR APR	APR	нах	Kne	ากะ	AUG	аяв	OCT	NOV 1	DBC 3	OCT NOV DEC JAN PEB MAR APR HAY	188 X	AR.	8	NUC AN		L AUG	988
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MANUFACTURBE'S NAMB & LOCATION	BR'S N	NAB .	r Loca	TION			Ī	PRODI MIN SUST	r 1	1-8-5 MAXINUM	HAX	THUM		RBACHBD D+	<u></u>			Ш		PRC	PROCURBMENT LEAD TIME ADMIN LEAD TIME	MENT	LEAD	TIMB	1 -	NAME OF THE PERSON NAME OF THE P	11.	1	18		REM	REMARKS											
BWLETT PACKARD, CHESAPRAKE, VA	PEAKE	YA,					+		_}	9	44	80	Ш			INITIME	AL					PRIOR 1 OCT		APTBR 1 OCT 2	_	FACTURING TIMB	ING	A.	APTER 1 OCT 6														
BLI NR. 461300							4		4		4				+	REORDER (Previous Source	BR (Prev	sno.	Source			Ц		Ц			Ц										١					

0.0 0 FY 2001 140075 After location, coordinates AN/TPQ-36 RADAR AN/TPQ-36 RADAR The AN/TPQ-36 FIREFINDER RADAR is used to locate hostile indirect fire against friendly forces. After location, coordina are passed to friendly fire support assets to engage the enemy. The AN/TPQ-36 was first fielding in the Marine Corps in 1985. The block upgrades will result in significant reduction in size from five ton trucks to HMMWV configuration to improve mobility and transportability, and incorporation of new/more capable electronics components. The results 0.0 RCN: 0 2000 END ITEM AN/TPQ-36 FIREFINDER RADAR UPGRADES FY 1.5 0 8.326 30.380 1999 FY 1997 DATE ĒΣ of the modification program will be a highly mobile and greatly enhanced locating capability. BEGIN: APR 98 END: JUN 99 BEGIN: APR 98 END: JUN 99 9.0 0 INSTALLATION P-1 SHOPPING LIST I NO. PAGE NO. 1998 FY 1996 P-1 ITEM NOMENCLATURE FY 30.4 0 FY 1997 ITEM NO FY 1995 INSTALLING AGENT 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 AN/TPQ-36 FIREFINDER RADAR FY 1996 DEPOT DEPOT Ś 0.0 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Ŀζ AN/TPQ-36 (V)7 (DOWNSIZE TO HEMWV) AN/TPQ-36 (V)8 (ELECTRONIC ENHANCEMENT) AN/TPQ-36 (V)8 (ELECTRONIC ENHANCEMENT) AN/TPQ-36 (V) 7 (DOWNSIZE TO HMMWV) APPROPRIATION/BUDGET ACTIVITY: 468300 MODELS OF SYSTEMS AFFECTED: TOTAL MODIFICATION TITLE: COST (IN MILLIONS) BLI NR QUANTITY

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MC AN/TPQ-36 FIR RCN: 140075	B. WEAPON MODEL/SERIES/POPULAR NAME AN/TPQ-36 FIREFINDER RADAR UPGRADE RCN: 140075	UPGRADE	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	URER NAME	D. DATE
WEARON SYSTEM LIBENT. COST ELEMENTS CODE AN/TPQ-36 (V)7 ADOWNSIZE SPECIAL TEST EQUIP TOTAL PROGRAM COST Active Component Reserve Component		TSOS TINU	TOTAL COST	UNIT COST	TOTAL COST	372.727 372.727 995,100	QTY QTY 22 8,200 126 22 21,892 162 162
TOTAL COST 468300		P-1 SHOPPING LIST	ING LIST				30380 EXHIBIT P-5

Part		Id	PROCUREMENT HISTORY	IISTORY & PLA	& PLANNING				DATE:		
REAL NR. ANALRE CORPS/BUDGET ACTIVITY ANALRE CORPS/COURDED CONTRACTED ANARD CONTR	APPROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NO	MENCLATURE:				
CONTRACTOR CONTRACTED DATE DATE CONTRACTED DATE DATE DELIVERY CONTRACTOR NOT	PROCUREMENT, MARINE (CORPS/BUDGET ACTIVIT		4		AN/TPQ-36 F	IREFINDER R	ADAR UPGRAD	CN:	140075	
Second Commun Agrospace C-FF CECOM FEB 97 MAR 98 22 372,727 YES	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT		SPEC REV RQRD	IF YES WHEN AVAIL
Octomes Action DEC 96 MAR 98 22 995,100 YES	AN\TPQ-36 (V)7 (DOWNSIZE) / FY97	Gov Depot*	0-TM (1)	CECOM	FEB 97	MAR 98	22	372,727	YES	NO	N/A
BLI NR. 468300 P-1 SHOPPING LIST ITEM NO. PAGE NO.	AN/TPQ-36 (V)8 (Electronics) / FY97	Grumman Aerospace Corporation Bethpage, Long Island, N.Y.	7 - D	СБСОМ	DEC 96	MAR 98	22	995,100	X ES	ON	N/A
BLI NR. 468300 P-1 SHOPPING LIST ITEM NO. PAGE NO.	EMARKS:										
468300 P-1 SHOPPING LIST ITEM NO. PAGE NO.											
	BLI NR.				P-1 ITEM NO.	SHOPPING LI	PAGE NO.			EXHIBIT P-5A	T P-5A

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 1. CURRENT DEVELOPMENT AND TEST STATUS a. Developmental Test & Evaluation (DT&E)	ET ACTIVITY EST STATUS	P-1	ITEM NOME	(
ROCUREMENT, MARINE CORPS/BUDGI 1. CURRENT DEVELOPMENT AND TH a. Developmental Test & Evalus	ET ACTIVITY EST STATUS			Martin of Odmitte				
II .	EST STATUS	4		AN/TPQ-36 FIREFIND	FIREFINDER RADAR UPGRADES		RCN: 14(140075
					SCHEDULE DATE			
			CURRENT	LAST REPORTED		REASON FOR DELAY	DELAY	
	ation (DT&E)	Plan/Actual	JUN 95	JUN 95	THE SOFTWAR	THE SOFTWARE INTEGRATION TESTING WAS NOT	TESTIN	G WAS NOT
b. Initial Operational Test & Evaluation (IOT&E)	Evaluation (IOT&E)	Plan/Actual	FEB 96	AUG 95	COMPLETED UNTIL DEC	UNTIL DEC 95.		
c. Operational Test & Evaluation (OT&E)	ion (OT&E)	Plan/Actual	FEB 96	AUG 95				
 d. Available Date of Technical Data Package (TDP or Performance Specifications 	1 Data Package (TDP ations	Plan/Actual	OCT 95	OCT 95				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:	SEPT 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED:		This is a modif	modification to AN/TPQ-36	AN/TPQ-36 FIREFIN	FIREFINDER RADAR			
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: the hostile fire locating capability of the current FIREFINDER RADAR	EQUIPMENT ITEM(S) : bility of the currer	TO BE REPLACED: ant FIREFINDER RA	ADAR.	The AN/TPQ-36 (V	(V)8 Electronics	Electronics Upgrade will greatly enhance	greatl	y enhance
5. DEVELOPMENT CONTRACT INFORMATION	MATION	(RDT&E Funding Profile	1	\$ in Millions)				
CONTRACTOR NAME	PLANT LOCATION	COMPONENT		THROUGH PY (FY1994	CY (FY1995)	BY (FY1996)		BEYOND BY
Grumman Aerospace	Great River NY	AN/TPQ-36		0.	٥٠ \$	٠. ٢٠	₹V}	.2
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				₩	*	₹5-	*	
				-CS-	₹S-	403	-CS	
				· vr	₹.	- 30-	- 4/3-	
TOTAL RDT&E FUNDING				O	₹/s	0 \$.1	475	.2
REMARKS:								
BLI NR. 468300	1		7	SHOPPING LIST				EXHIBIT P-19
		H	ITEM NO.	PAGE NO.				
			40	,				

INDIVIDUAL MODIFICATION

AN/TPQ-36 (V) 7 UPGRADE (DOWNSIZE TO HMMWV) MODIFICATION TITLE:

MODELS OF SYSTEMS AFFECTED:

AN/TPQ-36 FIREFINDER RADAR UPGRADES

DESCRIPTION/JUSTIFICATION:

This upgrade provides for a downsizing of the current system from five ton trucks to HMMMV's to improve mobility and transportability. The upgrade includes the incorporation of the Modular Azimuth Positioning System (MAPS) which is a self-survey capability that greatly enhances the speed with which the system can be emplaced and reduces the survey support requirements to employ the system.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

ADM 4THOTR FY96

FINANCIAL PLAN: (\$ in Millions)

	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	TO COMP		TOTAL
	S ALCO	S XIX	OTY \$	OIX S	S XIO	S ZZO	S ZZO	NI OIL	€0Å
PROCUREMENT									
Kit Quantity			22					22	
Installation Kits									0.00
Install. Kits Nonrecurring			8.200						8.200
Equipment									0.000
Equipment Nonrecurring									0.000
Engineering Change Orders									0.000
Data									0.000
Training Support									0.000
Support Equipment			0.126						0.126
Other									0.000
Interim Contractor Support									0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

	FY 1995		19	V 19		190	FY 1999	55	FY 2000	TO COMP	COMP	TOTAL	AL
	ALC:	oi si	OTY S	OTA	S OTTY	soi ⊳i	OTY	ः अ	OTY &	OIX	col	OTX	엉
INSTALLATION OF HARDWARE												0	0.000
(FY 1995) Equt (Kits)												0	0.000
												0 0	0.000
Eqpt (7	0.300	15 0	0.758				22	1 050
Edpt (2 0	0.000
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_												0	0.000
Egpt (0	0.000
TOTAL INSTALLATION COST	0 0	0.000	000.00	0 0	0.000	7 0.300	15 0	0.758	000.000	0	0.000	22	1.058
TOTAL PROCUREMENT COST 0.000		0.000	0.000	8	8.326	0.300	0	0.758	0.000		0.000		9.384
METHOD OF IMPLEMENTATION: Depot		~	ADMIN LEAD-TIME: 4	TIME:	MONTHS	HS		PRODUC	PRODUCTION LEAD-TIME:	-TIME:	13 M	MONTHS	
CONTRACT DATES:	FY	FY 1996		FY 1	FY 1997 FEB 97	3 97							
DELIVERY DATES:	FY	FY 1996		FY 1	FY 1997 MAR 98	86 2							
EX INSTALLING SCHEDULE:	EY 1995	FY 1996		FY 1997	N 44	FY 1998	28 4	4	FY 1999	FY 2000	000	TOTAL 2	7 4
INPUT						1 9	9 12						
OUTPUT							7	7	8				

EXHIBIT P-3A INDIVIDUAL MODIFICATION

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

AN/TPQ-36 (V)8 UPGRADE (ELECTRONICS ENHANCEMENT)

MODELS OF SYSTEMS AFFECTED:

AN/TPQ-36 FIREFINDER RADAR UPGRADES

DESCRIPTION/JUSTIFICATION: This upgrade provides a new RADAR processor and improved software to enhance the RADARS capbilities by increasing its range and location accuracy. These improvements overcome deficiencies identified during Operation DESERT STORM. DESCRIPTION/JUSTIFICATION:

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

ADM 4THQTR FY 96

FINANCIAL PLAN: (\$ in Millions)

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TOTAL

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FY 1997

FY 1996

FY 1995

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EXHIBIT P-3A INDIVIDUAL MODIFICATION

PROCUREMENT

Kit Quantity Installation Kits Install, Kits Nonrecurring Equipment Nonrecurring Engineering Change Orders Equipment

Interim Contractor Support Support Equipment Other Training Support

0.162

MP TOTAL S	0 0.000 0 0.000 0 0.000 22 1.053 0 0.000 0 0.000	0.000 22 1.053	0.000 23.107	15 MONTHS				
TO COMP		0 0	0	TIME:			구 작	
EY 2000 OIX \$		0 0.000	0.000	PRODUCTION LEAD-TIME: 15			TOTAL	
EY 1999 OTX &	15 0.755	15 0.755	0.755	PROL			EY 2000	
FY 1998 OTY \$	7 0.298	7 0.298	0.298	MONTHS	FY 1997 DEC 96	MAR 98	198 FY 1999 4 1 2 3 14	7 7 8
EY 1997 OTV \$		000000	22.054	2	FY 1997	FY 1997 MAR 98	FY 1998 4 1 2 3 4 2 6 14	
FY 1996 OTX \$		0 0.000	0.000	ADMIN LEAD-TIME:			EX 1997	
FY 1995 OTX \$		0 0.000	0.000		FY 1996	FY 1996	FY 1996	
		0 0.000	0.000	Contract			FY 1995	
	Kits) Kits) Kits) Kits) Kits) Kits) Kits)							
	INSTALLATION OF HARDWARE (FY 1995) Eqpt ((FY 1997) Eqpt ((FY 1999) Eqpt (TOTAL INSTALLATION COST	TOTAL PROCUREMENT COST	METHOD OF IMPLEMENTATION:	CONTRACT DATES:	DELIVERY DATES:	INSTALLING SCHEDULE:	OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

1	BUDGET ACTIVITY: PRO	- Orthon	-	1000	1	-	-								,																	ļ											
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0.0 0 FY 2001 (MMS) 142556 The MMS is designed to provide up to 18 soundings in any 24 hour period. It can be emplaced in 20 min (RDF); 15 min (NAVAID) and displaced in 15 min (RDF); 10 min (NAVAID). A total of 47 systems are being procured by the Army (7 version A; 40 version B) with First Unit Equipped with a version A MMS in March 92. system ballistic trajectories. The system consists of a processor, UHF antenna, a NAVAID antenna, a lightweight radio direction finding (RDF) antenna, a printer, and a power supply unit. METEOROLOGICAL SYS AN/TMQ-41, MET MEASURING SET measures atmospheric parameters of temperature, pressure, relative humidity and wind (speed and direction) from the earth's surface to an altitude of 30km. The data is provided to artillery fire direction centers to correct MET effects upon weapons The meteorological measuring set (MMS) is a mobile, fully automated, non-radiating artillery meteorological (MET) system that RCN: 0.0 FY 2000 0.0 0 1999 DATE FΥ 0.0 0 1998 P-1 ITEM NOMENCLATURE: FY 0.0 FY 1997 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 9.4 \$ 21 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROVAL FOR SERVICE USE = CODE A ACQUISITION OBJECTIVE (A/O) = 21 APPROPRIATION/BUDGET ACTIVITY: = 100% OF A/O COST (IN MILLIONS) 21 **DUANTITY** FY 1995

BLI NR. 474400

P-1 SHOPPING LIST
ITEM NO. PAGE NO.

EXHIBIT P-

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MO AN/TMQ-41, ME	B. WEAPON MODEL/SERIES/POPULAR NAME AN/TMQ-41, MET MEASURING SET (MMS) RCN (142556)	ULAR NAME T (MMS)	I S E	TRER NAME	D. DATE
WEAPON SYSTEM IDENT. COST ELEMENTS CODE		FY 1995 UNITH COST	QTY TOTAL COST	FY 1996	QTY TOTAL	FY 1997	QTY
		396413 *	21 8,325			100	
Radiosondes ECOs Government Support GFE ILS Support			63.4 3.84.9 9.8				
* UNIT COST IS AVERAGE OF BOTH FY 1995 CONTRACTS							
TOTAL PROGRAM COST Active Component Reserve Component			9441 (7459) (1982)				
INITIAL SPARES							(511)
			9441		0		
BLI NR. 474400		P-1 SHOPPING LIST ITEM NO. PAGE N	PING LIST PAGE NO.				EXHIBIT P-5

P-1 ITEM NOMENCLATURE: METEOROLOGICAL SYS AN/TWO-41, MET BAR OF FIRST COST COST APR 96 10 348,560 Y AUG 96 11 439,917 Y		-	T THE PROPERTY OF THE PARTY OF	I i	PARTENIO						
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FIG. INC. ETG. INC.	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	METHOD AND TYPE	CONTRACTED BY		FIRST DELIVERY	QTY	UNIT	AVAIL NOW	REV RORD	AVAIL
ETG, INC. BALTINORE, MD C/FFP USA CECOM BAP 95 AUG 96 11 439,917 YES NO BALTINORE, MD C/FFP USA CECOM SEP 95 AUG 96 11 439,917 YES NO	MET MEASURING SET										
ETG, INC. BALITMORE, MD BALITMORE, MD GAR CECOM SEP 95 AUG 96 11 439,917 YES NO	FY95	-	C/FFP	USA CECOM	MAY 95	APR 96	10	348,560		ON	N/A
	FY95	-	C/FFP	USA CECOM			11	439,917	YES	ON.	N/A
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THE FIRST CONTRACT FOR (10) SYSTEMS WAS LET ON 31 MAY 95. A LETTER CONTRACT TO PROCURE THE REMAINING (11) SYSTEMS WAS DATED 29 SEP 95. THIS CONTRACT REFLECTED AN INCREASE IN THE NEGOTIATED PRICE.

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P-1 SHOPPING LIST

ITEM NO. 41

PAGE NO.

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: METEOROLOGICAL MEASURING SET (MMS)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	0 22	5
INITIAL ISSUE		
I MARINE EXPEDITIONARY FORCE:	4	
II MARINE EXPEDITIONARY FORCE:	4	
III MARINE EXPEDITIONARY FORCE:	m	
SELECTED MARINE CORPS RESERVE:	S	
SUPPORT ESTABLISHMENT:	0	
NORWAY AIR LANDED BRIGADE:	0	
TOTAL:		16
APPROVED ACQUISITION OBJECTIVE		21

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			LOUI IN	0		0 0	21	\$ 21	100 %	\$ W 0 0 \$	EXHIBIT P-20A
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	TAMCN/DODIC: ACQUISITION OBJECTIVE:		GAINS: *FY BUDGET	*OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	COMMENTS:	BLI NR. 474400

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REACHED PROCURBHENT LEAD TIME ADMIN LEAD TIME NAMIT- ROTAY	INITIAL 7 8 REORDER (Previous Source) 10	ANTIAL RECREBER (Previous Squrce 10
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9.0 EXHIBIT P-40 FY 2001 142576 RCN: 0.5 0 2000 FY INTELLIGENCE SUPPORT EQUIPMENT 11.4 FY 1999 15.3 0 P-1 SHOPPING LIST f NO. PAGE NO. FY 1998 P-1 ITEM NOMENCLATURE: 26.4 \$ 0 FY 1997 ITEM NO. This is a composite line of the intelligence equipment which includes: 42 BUDGET ITEM JUSTIFICATION SHEET 44.3 FY 1996 Commanders Tactica Terminal (CTT)
Joint Surveillance Target Attac Radar System JSTARS) 14.4 \$ Secondary Imagery Dissemination System (SIDS) Intelligence Analysis System - (IAS) (MEF) Tactical Remote Sensor System (TRSS) FY 1995 Team Portable Communication System (TPCS) PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Trojan Spirit II Intelligence Analysis System (TCAC) APPROPRIATION/BUDGET ACTIVITY: 474700 COST (IN MILLIONS BLI NR. QUANTITY

D. DATE	QTY TOTAL COST	7143	6969	318			10982	096			(9869)	26372	EXHIBIT P-5
RER NAME TATE	FY 1997 UNIT COST												
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various	QTY TOTAL COST	2117		678	5814	6879		12436	16417		(2021)	44341	
OLAR NAME ENT (ROLL-UP	FY 1996 UNIT COST									ton, point a plant and a plant and an			
B. WEAPON MODEL/SERIES/POPULAR NAME NTELLIGENCE SUPPORT EQUIPMENT (ROLL (RCN 142576)	QTY TOTAL COST		647	13700	12	56					(8336)	14415	ING LIST PAGE NO.
B. WEAPON MOI INTELLIGENCE (RCN 142576)	FY 1995 UNIT COST												P-1 SHOPPING LIST ITEM NO. PAGE N
A. APPROPRIATION/BUDGET B. WEAPON MODEL/SERIES/POPULAR NAME ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORP INTELLIGENCE SUPPORT EQUIPMENT (ROLL-UP BUDGET ACTI 4													
	IDENT. CODE	щ	A	æ					'ARS)				474700
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	Secondary Imagery Dissemination System	Intelligence Analysis System (MEF)	Tactical Remote Sensor Set	Team Portable Communications System	Trojan Spirit	Intelligence Analysis System (TCAC)	Commanders Tactical Terminal (CTT)	Joint Surveillance Target Attack Radar System (JSTARS)		Initial Spares	Total Cost	BLI NR.

0.0 FY 2001 140726 MANPACK SECONDARY IMAGERY DISSEMINATION SYSTEM 0.0 RCN: 0 FY 2000 0.0 1999 DATE FY 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE: 7.1 45 FY 1997 2.1 BUDGET ITEM JUSTIFICATION SHEET 10 FY 1996 47 0.0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

Manpack Secondary Imagery Dissemination System provides the MAGTF commander with the capability to collect, store, display, and transmit high priority reconnaissance imagery over organic MAGTF communications assets in near-real-time. This will give the MAGTF commander access to time sensitive reconnaissance imagery. The system will be fielded to ground reconnaissance units within the MAGTF. AO is 86 systems. A system consists of a base station and 3 out stations. Previous submissions accounted for individual components. Consequently, the unit cost of the system is significantly larger than the unit cost of the individual components.

Approval for service use: FY 95 = CODE B

FY 1996: 13 = 15% OF AO FY 1997: 58 = 67% OF AO

P-1 SHOPPING LIST ITEM NO. PAGE NO.

474700

BLI NR.

EXHIBIT P-40

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D. DATE	QTY TOTAL COST	45 6,899 241 3	7143	EXHIBIT P-5
RER NAME TATE Rochester,	FY 1997 UNIT COST	153,300		
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Harris Corp., Rochest	QTY TOTAL COST	13 1,950 164	2117	
ULAR NAME 40726)	FY 1996 UNIT COST	150,000		
B. WEAPON MODEL/SERIES/POPULAR NAME Manpack Secondary Imagery Dissemination System (RCN 140726)	QTY TOTAL COST			P-1 SHOPPING LIST EM NO. PAGE NO.
B. WEAPON MODEL/SERIES/P Manpack Secondary Imagery Dissemination System (RCN	FY 1995 UNIT COST			P-1 SHOP ITEM NO. 42
ON/BUDGET //NO: PARINE CORPS				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORI BUDGET ACTIVITY 4				
	IDENT. CODE			. 474700
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	MANPACK SIDS FACTORY TRAINING WARRANTY	TOTAL COST	BLI NR.

CONTRACTOR CONTRACTOR CONTRACTOR MANDROX SECONDARY INAGENY DISSEMINATION SYSTEM RECHANDED LOCATION METHOD DATE OF FIRST LOCATION METHOD DATE OF FIRST LOCATION METHOD DATE OF FIRST LOCATION METHOD DATE OF MAY DELIVERY CTANE IN FEP CTANE IN FEP CTANE IN FEP CTANE, CTANE, IN FEP CTANE, IN FORM CTANE	PROCUREMENT HISTORY
TONIT AVAIL NOW 13 150,000 Yes No 45 153,300 Yes No will be fielded subsequent to success to using a Common Computer Resource	
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will be fielded subsequent to to using a Common Computer Res	Δι [ει
	FY 96 quantities are low rate init will be procured as options quantities. Harris Corp. configuration.

P-1 TITEM NONDECLATIVE: P-1 TITEM NONDEC		"CODE B" ITEM DESCRIPTION	DESCRIPTION			DATE			
PARTICULAR PAR	APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMEN	CLATURE:				
CUMPRING PARTICIPATE PAR	PROCUREMENT, MARINE CORPS/BUDGE	F ACTIVITY	4	æ	IANPACK SECONDARY	IMAGERY DISSEMI	NATION SYSTEM RCN		
CURRENT OF THE FORTHER TITEM (S) TO BE REPLACED: PLANTACTUAL STATES		ST STATUS				SCHEDULE DATE			
ALTERIAL OPERATED THE & EVALUATION (DYEE) 11.10.1 Operational Test & Evaluation (DYEE) 12.20.1 Plan/Actual 13.1 NA 13.1 NA 14.1 NA 14.1 Operational Test & Evaluation (DYEE) 15.20.1 Plan/Actual 15.20.2 Plan/Actual 16.20.2 Plan/Actual 17.20.2 Plan/Actual 18.1 NA 17.20.2 Plan/Actual 18.1 NA 17.20.2 Plan/Actual 18.2 NOTE: MG 12.1 (ARTE) Sep 94 17.20.2 Plan/Actual 18.2 NOTE: MG 12.2 (ARTE) Sep 94 17.20.2 Plan/Actual 18.2 NOTE: MG 12.2 (ARTE) Sep 94 17.20.2 Plan/Actual 18.2 NOTE: MG 12.2 (ARTE) Sep 94 17.20.2 Plan/Actual 18.2 NOTE: MG 12.2 (ARTE) Sep 94 17.20.2 Plan/Actual 18.2 NOTE: MG 12.2 (ARTE) Sep 94 18.2 NOTE: MG 12.2 (ARTE) Sep 94 18.3 NOTE: MG 12.2 (ARTE) Sep 94 18.4 NOTE: MG 12.2 (ARTE) Sep 94 18.2 NOTE: MG 12.2 (ARTE) Sep 94 18.3 NOTE: MG 12.2 (ARTE) Sep 94 18.3 NOTE: MG 12.2 (ARTE) Sep 94 18.4 NOTE: MG 12.2 (ARTE) Sep 94 18.4 NOTE: MG 12.2 (ARTE) Sep 94 18.5 NOTE: MG 12.2				CURRENT	LAST REPORTED		REASON FOR I	ЕГАХ	
ALIENTE DATE OF APPROVAL FOR SERVICE USE: MS III JUL 95 NOTE: MS IIA (IRTP) Sep 94 TIMANED DATE OF APPROVAL FOR SERVICE USE: MS III JUL 95 NOTE: MS IIA (IRTP) Sep 94 WITHHERT TYPH(S) TO BE REPLACED: None WITHERT CONTRACT INFORMATION WELL MAN OF THE WOULD SEP		tion (DT&E) Evaluation (IOT&E) on (OT&E)	Plan/Actual Plan/Actual Plan/Actual	N/A	N/A				
WILLIAM DATE OF APPROVIAL FOR EREVIACE USE: NOTE: NS IIA (LRIP) Sep 94		. Data Package (TDP) Itions	Plan/Actual						
TEAT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: N/A Control Co	k	FOR SERVICE USE:	MS III Jul 95	NOTE:	(LRIP) Sep	4			
THENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REFLACED: N/A		raced:	None						
CONTRACT INPORMATION	1	Ment Item(S)	BE REPLACED:		N/A				
CONTRACTOR NAME PLANT LOCATION CY (FY1995) EV (FY1996) EV (FY1		ATION	(RDT&E Fundin	₩.	in Millions)				
IN. Crane, IN. System	CONTRACTOR NAME	PLANT LOCATION	COMP	ONENT		1	!	BEYOND	BY
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MANPACK SIDS is a COTS/NDI procurement. FY 96 (and beyond) RDT&E funds are for software upgrades. BLI NR. 474700 BLI NR. PAGE NO. PAGE N						s.	·s	··	
MANPACK SIDS is a COTS/NDI procurement. FY 96 (and beyond) RDT&E funds are for software upgrades. BLI NR. 474700 P-1 SHOPPING LIST ITEM NO. PAGE NO. 42 - 6	Customen name summer						400	-	
MANPACK SIDS is a COTS/NDI procurement. FY 96 (and beyond) RDT&E funds are for software upgrades. BLI NR. 474700 P-1 SHOPPING LIST TEM NO. PAGE NO. 42 - 6	3						w	_	2.323
ITEM NO. PAGE NO. 42 - 6		OTS/NDI procurement.	96	beyond) RDT&E f	for	ware upgrades.			
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APPROVED ACQUISATION OBJECTIVE

PROGRAM NAME: MANPACK SIDS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	Q 4
INITIAL ISSUE	
I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE:	18 7 7 8 8 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9
SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT:	10 21 2
NORWAY AIR LANDED BRIGADE: TOTAL:	10
APPROVED ACQUISITION OBJECTIVE	

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	ASSET DYNAMICS		DATE:			
TAMCN/DODIC: ACQUISITION OBJECTIVE:	TBD 86	ITEM NAME: ME RCN:	Manpack Secondary Imagery 140726	agery Dissemination	ion System	1
	ENDING INVENTORY	45	, , , , , , , , , , , , , , , , , , ,			
GAINS: *FY BUDGET *OTHER TOTAL	OFF	FY LUSA	FY 1995	FY 1996 13	FY 1997 45	
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER		0	0	0	0	
NET CHANGE (+/-)		0	0	13	45	
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		0	0		58	
TOTAL \$M VALUE	0	\$	\$	\$ 2.1	58	
% A/O ON HAND/FUNDED	80	* 0	8 0	15 %	8 19	
COMMENTS:		FY	1996 RECOMMENDED	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 2.1 M 45 \$ 7.1 M	1
BLI NR. 474700		P-1 SHOP ITEM NO. 42	SHOPPING LIST PAGE NO.		EXHIBIT P-20A	.

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BUDGET ACTIVITY: PROCURBMENT MARINE CORPS/BUDGET ACTIVITY		RER		Manpack Sids, NSWC, Crane, IN.													MANUFACTURER'S NAMB & LOCATION	Integration of System, Crane, IN.	74700	
BUDGET A		ITEM AND	Manpack Si Crane, IN.	Manpack S Crane, IN											TOTALS			Integrati	BLI NR. 474700	

0.0 FY 2001 141044 0.0 FY 2000 INTELLIGENCE ANALYSIS SYSTEM (MEF) 0.0 FY 1999 DATE ŝ 9.4 FY 1998 P-1 ITEM NOMENCLATURE: 7.0 FY 1997 \$ 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 ₹Ø-9.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

NARRATIVE: The Intelligence Analysis System (IAS) will provide finished intelligence data to the commander in near-real-time, allowing him to act on intelligence, rather than react to events. The IAS consists of three subsystems: IAS (Suites), IAS (MEF) and IAS (Workstations). The IAS will utilize the Integrated Database (IDB) developed by DIA, and will utilize commercial and government developed software.

MEF IAS consists of two HMMWV-mounted shelters per system. Each shelter contains a ruggedized file server, communications server, communications interfaces (modems, crypto) and peripherals (CD ROM, tape drives, hard disk drives, plotter, dot matrix and laser printers). The servers will be connected to six workstations on a Local Area Network (LAN).

MEF IAS

AO = 9 FY 93 & PRIOR: FY 1997: FY 1998:

2 22% UL ... 5 56% OF AO 9 100% OF AO TYSE: FY 95 = Code B Approval for Service Use:

PAGE NO. P-1 SHOPPING LIST ITEM NO.

EXHIBIT P-40

474700 BLI NR

D. DATE		QTY	TOTAL COST	1,274		150	54			2,290 1,401 1,205					6,969	EXHIBIT P-5
	ard, CA	-	UNIT COST 1	212,317	24,802											Н
PLANT CITY/STATE	LOCATION Vitro Corp Oxnard, CA	ΔTA	TOTAL COST													
THE INTERES	(MEF)	FY 1996	UNIT COST													
ore services (see	INTELLIGENCE ANALYSIS SYSTEM (MEF) PCN: 141044	QTY	TOTAL COST					647							647	PAGE NO.
B. WEAFON MODEL/SERIES/FOFULAK NAME	INTELLIGENCE A	FY 1995	UNIT COST									200				P-1 SHOPPING LIST ITEM NO. PAGE N
ACTIVITY TITLE/NO:	PROCUREMENT MARINE CORP BUDGET ACTIVITY 4															
		IDENT.	CODE	Over the state of			nicoloni	****			·		· · · · · · · · · · · · · · · · · · ·		_	474700
ANALYSIS EXHIBIT (P-5)		WEAPON SYSTEM	MEF IAS SYSTEMS	Servers, Peripherals	Workstations	Cables and Connectors	Racks	Costs for fielding of the RSC-1X and RSC-2X computer equipment	T worth	System integration Engineering Support Integ Logistics Support					TOTAL COST	BLI NR.

	Ŧ	PROCUREMENT H	HISTORY & PLA	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVI	TY	7		INTELLIGENC	INTELLIGENCE ANALYSIS SYSTEM (MEF)	SYSTEM (MEF	PCN:	141044	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	ŶŢŎ	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
rry/ Servers Peripherals	Vitro Corp Oxnard, CA	Q-O	MCSYSCOM	APR97	AUG97	9	212,317	YES	NO	N/A
Workstations	Vitro Corp Oxnard, CA	0-0	MCSYSCOM	APR97	AUG97	24	24,802	YES	NO	N/A
REMARKS:										
BLI NR.	474700			P-1	P-1 SHOPPING LIST	ST			EXHIB	EXHIBIT P-5A
				ITEM NO.	-	PAGE NO.				
			_1							

	"CODE B" ITEM I	ITEM DESCRIPTION			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE	WCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	T ACTIVITY	4	н	INTELLIGENCE ANALYSIS SYSTEM (MEF)	SIS SYSTEM (MEF)		
1. CURRENT DEVELOPMENT AND TEST STATUS	ST STATUS			***************************************	SCHEDULE DATE	RCN:	141044
			CURRENT	LAST REPORTED		REASON FOR DELAY	ΑΥ
a. Developmental Test & Evaluation (DT&E)	ttion (DT&E)	Plan/Actual	Nov 95	Aug 95		, 500 da	
b. Initial Operational Test & Evaluation (IOT&E)	Evaluation (IOT&E)	Plan/Actual		Feb 96		Weet of Today	
c. Operational Test & Evaluation (OT&E)	on (OT&E)	Plan/Actual		Apr 96			
d. Available Date of Technical Data Package (TDP	Data Package (TDP	Plan/Actual	96 AON	Nov 96			
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:		NOW 1996				
1	TO THE THE		NOV TODO				
4. EXTENT OF IMPROVEMENT OVER	IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE	TO BE REPLACED:					
5. DEVELOPMENT CONTRACT INFORMATION	ATION	(RDT&E Fundin	Funding Profile - \$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	NENT	The state of the s	CY (FY1995)	BY (FY1996)	BEYOND BY
					\$ 2.9	1.3\$	6.1
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TOTAL RDT&E FUNDING					2.9	\$ 1.3\$	6.1
REMARKS:							
BLI NR. 474700			P-1 SHC	SHOPPING LIST			EXHIBIT P-19
			ITEM NO.	PAGE NO.			
				•			

APPROVED ACQUISITION OBJECTIVE

IAS (MEF) PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

0

INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: II MARINE EXPEDITIONARY FORCE: I MARINE EXPEDITIONARY FORCE: NORWAY AIR LANDED BRIDGADE: SUPPORT ESTABLISHMENT: TOTAL:

APPROVED ACQUISITION OBJECTIVE

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FY 1996 RECOMMENDED BUY - QUANTITY: C	TOTAL \$M VALUE	5.0				
ES REPRESENT COMPLETE SYSTEMS. FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$ 3 3 474700 NR. 474700 ITEM NO. PAGE NO. PAGE NO. PAGE NO.	A/O ON HAND/FUNDED		22	22 %		
474700 P-1 SHOPPING LIST PAGE NO. PAGE NO.	MMENTS: UANTITIES REPRESENT CO	MPLETE SYSTEMS.	1		1 1	
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MANUPACTURER'S NAME & LOCATION	ATION	PR HIN SUS	PRODUCTION RATES HIN SUST 1-8-5 MAXIHUM	TES 1	REACHED D+		ď	PROCUREMENT LEAD TIME ADMIN LEAD TIME		HANU-	TOTAL	REMARKS:	S:				
VITRO CORP, OXNARD, CA		⁴ 50	20	100 50		INITIM		PRIOR 1 OCT	APTER 1 1 OCT 6	PACTURING TIMB	APTER 1 OCT 10						
BLI NR. 474700						P-1 SHOPP ITEM NO.	REORDER (Previous Source) P-1 SHOPPING LIST ITEM NO. PAGE NO.	[62								ВХНІ	EXHIBIT P-21

9.0 2001 140156 FY €/} 0.5 TACTICAL REMOTE SENSOR EQUIPMENT (TRSS) 2000 FY 3.7 0 FY 1999 DATE 9.0 0 FY 1998 P-1 ITEM NOMENCLATURE: 0.3 FY 1997 0.7 BUDGET ITEM JUSTIFICATION SHEED FY 1996 13.7 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

Remote sensor equipment detects the presence of physical disturbances caused by movements within a pre-designated area of surveillance. Coded signals are transmitted or stored/relayed to a monitoring station. The monitoring station provides for analysis of the data to determine type, location, direction of travel, speed, number, and size of detected activity. This informati is then forwarded to an intelligence center. The remote sensor equipment includes: hand and air emplaced remote sensors, transmitters, relays, data storage devices, and read-out equipment.

This is a roll-up line of various end-items of a set that provides fully-funded units for a sustained capability to the Sensor Control Management Platoon (SCAMP) of the Marine Expeditionary Force (MEF).

ACQUISITION OBJECTIVE (AO) = 26

TRSS Basic System

17 = 65% of AO 17 = 65% of AO 22 = 85% of AO 22 = 85% of AO 22 = 85% of AO 26 = 100% of AO 93 & Prior

FY 93 & Prio FY 94 FY 95: FY 96: FY 97:

FY 95 = CODE A APPROVAL FOR SERVICE USE: SHOPPING LIST P-1 ITEM NO. 42

474700

BLI NR

PAGE NO.

WEALTON SISIEM COST	0 0	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/POPULAR NAME Tactical Remote Sensor Equipment RCN 140156	EL/SERIES/POPU e Sensor Equir RCN 140156	JLAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION NAWC-AD, Indianapolis	RER NAME TATE anapolis	
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
Ground Sensor Set UGSS (Various Sensors) AN/MSC-77 SMMS	V		<i>S</i> A	5 LOT 3663 6531				
RE-1162 Relay Assembly AN/USQ-121 RF Monitor				2237		363		
Thermal Imagers ILS Nonrecurring Mfg Costs	щ			576				102
Thermal Imagers Support						315		216
			•					
Active Cost Reserve Cost				(9200)		(678)		(318)
TOTAL COST				13700		678		318
BLI NR.	474700		P-1 SHOPPING LIST	NG LIST				EXHIBIT P-5
		7	42	<u>~</u>				

	7	FROCUREMENT	HIDIONI & FIL	E LICHTING				DATE		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVE	TY	4		TACTICAL RI	TACTICAL REMOTE SENSOR EQUIPMENT	EQUIPMENT	100	2 4 0 4 1	
LINE ITEM/	CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST		UNIT		SPEC	IF YES WHEN
FISCAL YEAR	LOCATION	AND TYPE	BY	DATE	DELIVERY	λĿΙŎ	COST	MON	RQRD	AVAIL
Ground Sensor Set FY95 Unattended	NAWC-AD	PO/NA	MCSYSCOM	Jul 95	Apr 96	LOT	VARIOUS	YES	ON ON	N/A
Ground Sensor Set (UGSS)	Indianapolis									
FY95 AN/USQ-121 Portable RF Monitor	NAWC-AD Indiananolis	PO/NA	MCSYSCOM	May 95	Feb 96	LOT	VARIOUS	YES	NO NO	N/A
FY95 AN/MSC-77 Sensor Mobile	NAWC-AD Indianapolis	PO/NA	MCSYSCOM	Jan 96	Jan 97	ស	1.210M	YES	ON.	N/A
(SMMS)										
		·								

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				3. 3. 3. 3. 3. 3. 3. 3.						

Naval Air Weapons Center - Aircraft Division, Indianapolis, IN (NAWC-ADI) is the procurement agent for the Marine Corps. For most components, NAWC-ADI orders subassemblies through various C/FFP contracts with industry, then assembles/integrates the end item in house.

BLI NR. 474700 P. ITEM NO.

P-1 SHOPPING LIST
PAGE

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42

PAGE NO.

	"CODE B" ITEM	ITEM DESCRIPTION			DATE			
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	CLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVITY	4		Tactical Remote Sensor Equipment	sor Equipment	RCN:	140156	-
1. CURRENT DEVELOPMENT AND TEST STATUS	EST STATUS				SCHEDULE DATE		1	
			CURRENT	LAST REPORTED		PEASON FOD DELAY	PI.AV	
						T NOT WOODLY	1	
a. Developmental Test & Evaluation (DT&E)	ation (DT&E)	Plan/Actual	7.00 cm.					
b. Initial Operational Test & Evaluation (IOT&E)	Evaluation (IOTEE)	Plan/Actual	N/A					
c. Operational Test & Evaluation (OT&E)	ion (OTEE)	Plan/Actual	A1107 96	N/A	Poden Remove			
	1 Data Package (TDP)	Plan/Actual	o a fine	96 Tnr	mcolen schedu	mooten scheduled commitments	m	
or Performance Specifica	ations							
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:	Sept 96						
3. EQUIPMENT ITEM(S) TO BE REPLACED:	PLACED:							
	N/A							
EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)	EQUIPMENT ITEM(S) TO	TO BE REPLACED:						
	N/A							
DEVELOPMENT CONTRACT INFORMATION	MATION	(RDD&E Funding Profile	1	in Millione)				
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	-	Through DV /EV1004	V (EV100E)	1200 that	and characteristic	
NAWC-AD, IN	Indianapolis, IN	Thermal Imager					S SELOND BI	0
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					w	₩.	₹S-	
TOTAL RDIGE FUNDING				2.2	\$ 0.035	\$ 0.17	₹S-	0
REMARKS: OT for TRSS ?	OT for TRSS Thermal Imager; this	this is only TRSS component that has not	component that	has not reached MS	III yet.	1.13.99		
BLI NR. 474700			P-1 SHC	SHOPPING LIST	A CONTRACTOR OF THE PARTY OF TH		EXHIBIT P-19	-19
			°.	PAGE NO.				
			42 -	97				

APPROVED ACQUISATION OBJECTIVE

PROGRAM NAME: TRSS CORE

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

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INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:
II MARINE EXPEDITIONARY FORCE:
III MARINE EXPEDITIONARY FORCE:
SELECTED MARINE CORPS RESERVE:
SUPPORT ESTABLISHMENT:
NORWAY AIR LANDED BRIGADE:
TOTAL:

APPROVED ACQUISITION OBJECTIVE

56

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17 17 69.0 \$ 65.8 represent completed

BUDGET ACTIVITY: PROCURBHENT MARINE CORPS/BUDGET ACTIVITY	CURBAI	N. F.	RINB	CORPE	gng/8	GBT A	CTIVI	TY			-	-d	1 ITE	NON H	4 P-1 ITBM NOMENCLATURE: TACTICAL REMOTE SENSOR EQUIPMENT (TREE)	TURB	T	ACTIC	AL RI	EMOTE	SENS	OR BO	UIPHE	ENT (TR88					1	RC	CNS	140	140156	_									
		0 5	1	PROGRAH OUANTITY	(A)	TILL		YCC	B	4	ISCAL	PISCAL YEAR!		95							F	SCAL	PISCAL YBAR		96							H	PISCAL YEAR	YEAR		97								
ITEM AND MANUPACTURER	U/H	a a;			PY	PY	ž.	2 2	TO AS OF	의 # 등	-	H	4	YONE	LENDAR YBAR	_	-		_	-	H		L	CAL	CALENDAR YBAR	YBA	- 2		96	9	-	H	1	1	_	CALENDAR YBAR	R VIII	ig T	IT	-		-	П	4 F
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UNATTENDED GROUND SENSOR SET (UGSS) NAWC-AD, IN	á	z			103	E:			LOT	Ę								-	<						·		LOT	LOT LOT	PQ.	LOT	LOT LOT LOT	E E	T LOT	LOT	LOT	LOT LOT LOT	LOT							
AN/USQ-121 NAWC-AD, IN	á	x			TOL	f.			LOT	E+							4				-				LOT	LOT					-		-									1		
AN/HSC-77 NAWC-AD, IN	ล์	z			20				un .															<							-	-	-		12	Ħ	-	-	er			†		0
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MANUFACTURBR'S NAMB & LOCATION	R'S NA	IMB &	LOCA	FION			E	PROD HIN SUST	PRODUCTION RATES	ION R	HAN	CIMUM	RE	ACHED D+						PRC	PROCUREMENT LEAD TIME ADMIN LEAD TIME	(BNT)	CEAD T	TIMB			11		П	2	REMARKS:	.83	-											
WAWC-AD, Indianapolis, IN	IN.			$\ $			\sqcup		${oxed}$		$\vdash \downarrow$						AN/HE	8C-17	AN/HSC-77 ONLY		E.	PRIOR	APTBR	E E		MANU- PACTURING		TOTAL	- A E															
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0.0 FY 2001 145226 RCN: 0.0 0 FY 2000 Team Portable COMINT System (TPCS) 6.7 0 FY 1999 DATE 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE: 0.0 0 FY 1997 5.8 S BUDGET ITEM JUSTIFICATION SHEET FY 1996 .012 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

Team Portable Communications Intelligence (COMINT) System (TPCS) is a Semi-automated, man/team transportable signals intelligence system providing intercept, radio direction finding, analysis, reporting and collection management support to the Marine Air Ground Task Force Commander. TPCS is comprised of non-developmental items (NDI) and considered extremely low risk. The first three systems are Commander. TPCS is compr. currently being produced.

The AN/PSQ-9 TPCS will replace the AN/PRD-10 and the AN/GRR-8 as well as add new capability.

11 Acquisition Objective (A0):

3 Systems = 27% OF AO 3 Systems = 27% OF AO 8 Systems = 72% OF AO FY 1994: FY 1995: FY 1996:

APPROVAL FOR SERVICE USE FY 95 = Code A

PAGE NO. P-1 SHOPPING LIST ITEM NO. 42

474700

BLI NR.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	ших	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/POPULAR NAME TEAM PORTABLE COMMUNICATIONS INTELLIGENCE (COMINT) SYSTEM (TPCS) EV 1005	B. WEAPON MODEL/SERIES/POPULAR NAME TEAM PORTABLE COMMUNICATIONS INTELLIGENCE (COMINT) SYSTEM (TPCS) EV 1005	ULAR NAME NS TEM (TPCS)	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION	RER NAME TATE	D. DATE
WEAPON SYSTEM COST ELEMENTS Team Portable COMINT	IDENT. CODE A		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST 5	FY 1997 UNIT COST	QTY TOTAL COST
System, AN/PSQ-9 WJ-9605 Front Panel Unit					3,251	40 130		
WJ-8654-4 Intercept Receiver					18,310	1,465		
TCIM TOPHUNTER SYSTEM					4,152	35 145 5 2,850		
Factory Training Travel				2		313		
Integ Logistic Support						8 4		
TOTAL COST						100		
	474700	1	P-1 SHOPPING LIST ITEM NO. PAGE N	0		***************************************		EXHIBIT P-5

	P	PROCUREMENT F	ENT HISTORY & PLA	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				D-1 TIMEN NO	D-1 THEM NOMENCE ANTIDE				
PROCUREMENT, MARINE	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	X	7		Team Portab	F-1 IIEM NOMENCLAIUKE: Team Portable COMINT System (TPCS)	stem (TPCS)			
	CONTRACTOR	CONTRACT			DATE OF			SPECS	145226 SPEC	TF VES
LINE ITEM/ FISCAL YEAR	AND LOCATION	METHOD AND TYPE	CONTRACTED BY	AWARD	FIRST	QTY	UNIT	AVAIL	RORD	WHEN
Intercept Receiver FY96	Watkins-Johnson Gaithersburg, MD	ðīdī/ss	NSA	Jan 96	Mar 97	08	18,310	Yes	No	N/A
TCIMS FY96	SAIC San Diego, CA	C/IDIQ	PMCHS Ft Monmouth	May 96	Feb 97	35	4,152	Yes	No	N/A
TOPHUNTER SYSTEM	Harris Corp. Melbourne, FL	C/FPI	NSA	Mar 96	Jun 97	ហ	570,093	Yes	No	N/A
WJ-9605 FRONT PANEL UNIT	Watkins-Johnson Gaithersburg, MD	ðidi/ss	NSA	Jan 96	Mar 97	40	3,215	Yes	No	N/A
		EXERCISATION OF THE PROPERTY O								
REMARKS:	PMSW = Program Manager USASWC = US Army Signals NSA = National Securi VHFS = Vint Hill Farms	Program Manager, Sig US Army Signals Wari National Security Ag Vint Hill Farms Stat	Program Manager, Signals Warfare (US An US Army Signals Warfare Center National Security Agency, Ft. Meade, MD Vint Hill Farms Station, Warrenton, VA	e (US Army) eade, MD ton, VA						
BLI NR.	474700			P-1	P-1 SHOPPING LIST	IST			EXHIB	EXHIBIT P-5A
				ITEM NO.	1	PAGE NO.				
			1							

APPROVED ACQUISATION OBJECTIVE

PROGRAM NAME: TPCS

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

1

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:
II MARINE EXPEDITIONARY FORCE:
III MARINE EXPEDITIONARY FORCE:
SELECTED MARINE CORPS RESERVE:
SUPPORT ESTABLISHMENT:
NORWAY AIR LANDED BRIGADE:
TOTAL:

APPROVED ACQUISITION OBJECTIVE

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540010

CC - 2h

	ASSET DYNAMICS	ICS	ZQ DZ	DATE:	
TAMCN/DODIC: ACQUISITION OBJECTIVE:	A 11	ITEM NAME: TE RCN:	Team Portable COMINT System 145226	T System (TPCS)	
	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	. FY 1996	FY 1997
GAINS: *FY BUDGET *OTHER TOTAL		3	0	5 0	0
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER		0	0	0	0
NET CHANGE (+/-)		3	0	5	0
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		3	3	8	8
TOTAL \$M VALUE	0	\$ 8.7	\$ 8.7	\$ 14.5	\$ 14.5
% A/O ON HAND/FUNDED	8 0	27 &	27 %	73 &	73 &
COMMENTS: FY94 PMC PROCURED 32 OF REQUIRED 44 DF SUBSYSTEMS FOR THE TPCS. ACCOUNTS FOR APPARENT "SCEW" IN NUMBER OF SYSTEMS VS. TOTAL COST PER YEAR	REQUIRED 44 DF SU) OR APPARENT "SCEW" F PER YEAR	UBSYSTEMS FOR	: 1996 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 5.8 M
BLI NR. 474700		P-1 SHOPPING ITEM NO.	PING LIST PAGE NO.		EXHIBIT P-20A

JUL AUG SEP MAY JUN JUL AUG BBP -MAR APR HAY JUN DEC JAN PBB HAR APR 8 JAN PBB 32 DBC NOV MOV MAY JUN JUL AUG SEP OCT OCT NOV DEC JAN PRB MAR APR MAY JUN JUL ANG SEP OCT NOV DEC JAN PEB MAR APR MAY JUN JUL AUG SEP OCT TOTAL APTER 1 OCT 20 < ACC BAL PISCAL YEAR, 95
PRICH DUB CY. 94 CALENDAR YEAR, 95
TO AS OF
TO CYT OCT OCT NOV DEC JAN PEB MAR AFR JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR AFR MANU-FACTURING TIMB 15 < PRIOR AFTER 1 OCT 1 OCT 5 < < INTTIAL REGIONS SOURCE
P-1 SHOPPING LIST
ITEM NO. PAGE NO.
42 TOPHUNTER SYSTEM HIN BUST 1-8-5 HAXIMUM D+ SHEET 1 OF 1 80 38 0 ۰ 0 ργ BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET PY ЬY 90 35 MANUFACTURER'S NAME & LOCATION ч m m a > U/M arris Corp., Helbourne, PL WJ-9605 Front Panel Unit Watkins-Johnson PY96 ITEM AND MANUFACTURER MJ-8654-4 Intercept Receiver Watkins-Johnson PY96 TOPHUNTER System Harris Corp. PY96 ILI NR. 474700 BAIC

0.0 140746 0.0 RCN: FY 2000 0.0 FY 1999 DATE TROJAN SPIRIT II 0.0 1998 P-1 ITEM NOMENCLATURE: FΥ 0.0 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 6.9 c FY 1996 0.056\$ FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY COST (IN MILLIONS QUANTITY

with a mobile, high-throughput, secure, dedicated intelligence satellite communications system which will provide direct, near-real-time connectivity to national agencies via the US Army's TROJAN Switching Center at Fort Belvoir, VA. TROJAN SPIRIT II will utilize commercial satellites to exchange bulk data, voice and imagery products between TROJAN SPECIAL PURPOSE INTEGRATED REMOTE INTELLIGENCE TERMINAL (SPIRIT) II will provide the MAGTF commander deployed Marine forces and theater or CONUS-based agencies.

SEM. Shelter (PHS) contains voice and data processing equipment, modulation equipment, RF electronics and an under-the-hood power generator. The Spare Equipment and Maintenance (SEM) vehicle shall provide maintenance facility workspace and a storage area for communications spare capabilities in support of the TROJAN SPIRIT II. The Power Generation Equipment and Mobile Antenna Platform (MAP) will reside in a single High Mobility Trailer, and will be towed by either the PHS or TROJAN SPIRIT II consists of two HMMW-mounted shelters and a single, towed antenna trailer. The Primary HMMWV

Acquisition Objective:

FY 1996:

Д Code Approval for Service Use:

PAGE NO. P-1 SHOPPING LIST ITEM NO. 42

TOO NOT WATER								
MEALVSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL TROJAN SPIRIT II	B. WEAPON MODEL/SERIES/POPULAR NAME ROJAN SPIRIT II	ULAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Electrospace Systems	RER NAME TATE Systems	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997	QTY mount coem
TROJAN SPIRIT II	æ				1,271,837	5087	1000 1110	TOT THE TOTAL
Switch Center Equipment					40,000	160		
Spares Package					350,000	1400		
ILS						232		
Travel				56				
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TOTAL COST				20				
	474700			00		6/.89		
	00/4/4		P-1 SHOPPING LIST	PING LIST				EXHIBIT P-5
			LIER NO.	PAGE NO.				
			42	~				
				-				

			IF YES WHEN AVAIL	N/A		EXHIBIT P-5A
		140746	SPEC REV RQRD	ON		ЕХНІВ
DATE:		RCN: 1	SPECS AVAIL NOW	YES		
			UNIT	1,271,837		
	MENCLATURE:	11 11	QTY	4		PAGE NO.
	P-1 ITEM NOMENCLATURE:	THOO WE SET IN	DATE OF FIRST DELIVERY	Feb 97		P-1 SHOPPING LIST PA - 32
LANNING			AWARD	Feb 96		P-3 ITEM NO. 42
HISTORY & PLANNING	4	,	CONTRACTED BY	US Army -		
PROCUREMENT	\		CONTRACT METHOD AND TYPE	C/FFP		
	ET ACTIVITY	1141100 100000 20000	CONTRACTOR AND LOCATION	Electrospace Systems, Inc. Richardson, TX		474700
	APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		LINE ITEM/ FISCAL YEAR	TROJAN SPIRIT II FY 96	REMARKS:	BLI NR.

EXHIBIT P-19 BEYOND BY 140746 REASON FOR DELAY RCN: 0 BY (FY1996) 0 CY (FY1995) SCHEDULE DATE DATE 1.8\$ ₩ ₩. 1.8\$ 33 No. Thru PY (FY1994) LAST REPORTED TROJAN SPIRIT II APR 93 JUN 93 FEB 94 NDI P-1 SHOPPING LIST - \$ in Millions) P-1 ITEM NOMENCLATURE: N/A AUG 95 (ARMY MS IIIB, MAY 94) CURRENT FEB 94 JUN 93 APR 93 FEB 91 (RDT&E Funding Profile ITEM NO. 42 EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: "CODE B" ITEM DESCRIPTION Plan/Actual Plan/Actual Plan/Actual Plan/Actual COMPONENT NONE d. Available Date of Technical Data Package (TDP) PLANT LOCATION b. Initial Operational Test & Evaluation (IOT&E) Richardson, TX ESTIMATED DATE OF APPROVAL FOR SERVICE USE: a. Developmental Test & Evaluation (DT&E) PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY c. Operational Test & Evaluation (OT&E) 1. CURRENT DEVELOPMENT AND TEST STATUS EQUIPMENT ITEM(S) TO BE REPLACED: or Performance Specifications 5. DEVELOPMENT CONTRACT INFORMATION APPROPRIATION/BUDGET ACTIVITY: 474700 TOTAL RDIKE FUNDING ELECTROSPACE SYSTEMS, INC CONTRACTOR NAME BLI NR. REMARKS:

APPROVED ACQUISITION OBJECTIVE

TROJAN SPIRIT II PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

0

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INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: II MARINE EXPEDITIONARY FORCE: I MARINE EXPEDITIONARY FORCE: NORWAY AIR LANDED BRIDGADE: SUPPORT ESTABLISHMENT: TOTAL:

APPROVED ACQUISITION OBJECTIVE

45-34

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	ASSET DYNAMICS			DATE:)
TAMCN/DODIC:	TBD	ITEM NAME: TH	TROJAN SPIRIT II 140746			
ACQUISITION OBJECTIVE:	0					
, DATE	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997	
*FY BUDGET *OTHER TOTAL		0	0 0	4 4	0	
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER		0				
NET CHANGE (+/-)		0	0	4	0	
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE			0	7	4	
TOTAL \$M VALUE	0	\$	0 0	\$ 6.9	4 6.9	
% A/O ON HAND/FUNDED	* 0	* 0	0	8 49	8 49	
COMMENTS:		Eq. Eq.	FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 6.9 M	
BLI NR. 474700		P-1 SHOPI ITEM NO.	SHOPPING LIST PAGE NO. 35		EXHIBIT P-20A	

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BUDGET ACTIVITY: PROCUREMENT MARINE CORPS/BUDGET ACTIVITY 6 PROGRAM QUANTITY A		ITEM AND MANUFACTURER	TROJAN SPIRIT II BLECTROSPACE SYSTEMS, RICHARDSON, TX			0 (10)											MANUFACTURER'S NAMB & LOCATION	SLECTROSPACE SYSTEMS, INC., RICHARDSON, TX		
TX	200	PACT	II BYS' TX												ı		UPAC	STBK	1	٦
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0.0 FY 2001 141044 \$ 0.0 INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC) 0 FY 2000 0.0 0 FY 1999 DATE 0.0 FY 1998 P-1 ITEM NOMENCLATURE: 11.0 FY 1997 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0.0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

NARRATIVE: MEF IAS (TCAC) consists of two HMMWV-mounted shelters per system. Each shelter contains a ruggedized file server, communications server, communications interfaces (modems, crypto), radios (UHF, VHF, HF, UHF SATCOM), and peripherals (CD ROM, tape drives, hard disk drives, laser and color printers). The shelters will be connected to four workstations on a LAN. NARRATIVE: MEF IAS (TCAC) consists of two HMMW-mounted shelters per system.

MEF IAS (TCAC) AO = 5 FY 1997: 4 - 80% OF A/O

Approval for Service Use: FY 96 = Code B.

474700 BLI NR.

P-1 SHOPPING LIST ITEM NO. PAGE 42

PAGE NO.

With Order Scripts Code	WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MOI INTELLIGENCE (MEF) (TCAC)	B. WEAPON MODEL/SERIES/POPULAR NAME INTELLIGENCE ANALYSIS SYSTEM (MEF) (TCAC) RCN: 141044	JLAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Vitro Corp., Oxnard, CA	RER NAME FTATE Oxnard, CA	D. DATE
2745 4 60 8 60 8 60 8 60 9 60 9 60 9 60 9 60 9 60 9 60 9 60 9		IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
60 8 40 40 41 40 40 43 4 43 4 43 4 450 4 51 4 51 4 51 4 51 4 51 4 51 4 51 4 51	IEF IAS (TCAC)							2745	
40 40 10 2 8 4 4	NDP Server Set							09	
28 4 43 4 43 4 50 4 50 4 50 4 50 4 50 4 50 4 50 4 50	Vorkstations							40	•
43 4 50 6 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 750 4 75	computer Peripherals							58	
336 Lot 750 4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Apport Items (Tent, ECU)							43	
750 4 23 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 450 4 4	oftware & Licenses							386	Lot
450 4 450 4 450 4 4700 P-1 SHOPPING LIST TTEM NO. PAGE NO.	nstallation/Assembly						·	750	,
378 450 4 450 4 378 4 1784 1157 1157 1157 1157 1157 1157 1157 115	ingineering Support							450	
378 4 4 474700 TTEM NO. PAGE NO.	CP Implementation							450	1800
. 474700 P-1 SHOPPING LIST ITEM NO. PAGE NO.	ommunications Equipment							378	1800
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. 474700 P-1 SHOPPING LIST ITEM NO. PAGE NO.	TOTAL COST								
		74700		P-1 SHOPP ITEM NO.	ING LIST				EXHIBIT P-5

		PROCUREMENT HISTORY		& PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	CTIVITY:				P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	RPS/BUDGET ACTIVI		4		INTELLIGENC	E ANALYSIS	INTELLIGENCE ANALYSIS SYSTEM (MEF)	(TCAC)	141044	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	YIZ	UNIT	III	SPEC REV RQRD	IF YES WHEN AVAIL
MEF IAS/TCAC ADP Server Set Workstations Computer Peripherals Support Items (Tent, ECU) Software & License Installation/Assembly Engineering Support ECP Implementation Communications Equipment	Vitro Corp. Oxnard, CA.	CPFF-O	USN NSCC, Long Beach, CA.	Oct 96	Apr 97	4	Various	S AE	NO	N/A
REMARKS:										
BLI NR.	474700			P-1 ITEM NO. 42	SHOPPING L	LST PAGE NO.			EXHIBI	EXHIBIT P-5A

	"CODE B" ITEM DESCRIPTION	DESCRIPTION			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	CLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ACTIVITY	4	П	INTELLIGENCE ANALYSIS SYSTEM (MEF)	SIS SYSTEM (MEF)) (TCAC)	. 141044
1. CURRENT DEVELOPMENT AND TEST STATUS	STATUS				SCHEDULE DATE		
			CURRENT	LAST REPORTED		REASON FOR DELAY	ELAY
a. Developmental Test & Evaluation (DT&E)	on (DT&E)	Plan/Actual	FEB 95	AUG 94	QUALITY CO	QUALITY CONTROL PROBLEMS WITH EQUIPMENT	WITH EQUIPMENT
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	(OT&E)	Plan/Actual					
d. Available Date of Technical Data Package (TDP)	ata Package (TDP)	Plan/Actual					
1	suc						
		JUNE 96					
3. EQUIPMENT ITEM(S) TO BE REPLACED:							
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:	JIPMENT ITEM(S) TO	BE REPLACED:					
5. DEVELOPMENT CONTRACT INFORMATION	CON	(RDT&E Funding Profile	\$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	NEWT		CY (FY1995)	BY (FY1996)	BEYOND BY
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TOTAL RDT&E FUNDING						क र	₩ 4
REMARKS:					A	A-	<i>A</i>
BLI NR. 474700			P-1 SHO	SHOPPING LIST			EXHIBIT D-19
			·	PAGE NO.			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
			42 -	7			

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TCAC

SUSTAINMENT

REQUIREMENT:	AT:	
MATERIAL	ENANCE FLOAT	TOTAL:
WAR RESERVE	DEPOT MAINT	Ė

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INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE:	SUPPORT ESTABLISHMENT:	NORWAY AIR LANDED BRIDGADE:	TOTAL:
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APPROVED ACQUISITION OBJECTIVE

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ANII	ON THE REAL PROPERTY.	CAC										i				HAN		700
2	2	HBP INS/TCAC															COR	BLI NR. 474700
3		a a												TOTAL			TRO	NR.
	8	22									- 1			2			5	3

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	VITY: HUDSET ACTIVITY 4	8	P-1 ITEM NOMENCLATURE:	Lature:	COMMANDERS TACTICAL TERMINAL (CTT)		PCN: 140736	T
	FY 1995	FV 1996	TV 1007	EV 1000	1000			T
	1000	LI 1220	1661 13	FI TANG	FY LSSS	FY 2000	FY 2001	_
UANTITY	0	26						6
COST (IN MILLIONS) \$ 0.0 \$	\$ 0.0	\$ 12.4	2.0.1	A . 2			0	

The CTF comes in two variations, the HYBRID Three-Channel (CTT/H3), AN/USC-55 and the HYBRID Receive Only Three-Channel. These Tactical Intelligence Disseminations Systems receive, decrypt, and process real-time intelligence reports received simultaneously from multiple sources. This will provide near real-time intelligence data to the command, control, and (C21) elements of the Marine Air Ground Task Force (MACTF). In addition, the CTT/H3 provides full duplex data and handles communications with an anti-jam capability between the guardrail intelligence processing facility and tactical units. The CTT/H3 systems are being procured by the U.S. Army (PM JSTARS) via a contract with E-Systems. The CTT provides the Marine Corps with a multiservice intelligence dissemination interoperability into the next century meeting criteria by the multi-service intelligence dissemination architecture panel.

ACQUISITION OBJECTIVE (AO): 53

FY 97: 26 = 49% OF A/O

PAGE NO. P-1 SHOPPING LIST ITEM NO. PAGE

BLI NR.

D. DATE	QTY TOTAL COST	096	096	EXHIBIT P-5
BURG,	FY 1997 UNIT COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION E-SYSTEMS, ST. PETERSI F1.	QTY TOTAL COST	9,033 1,500 1,903	12436	
	FY 1996 UNIT COST	347,415		
B. WEAPON MODEL/SERIES/POPULAR NAME COMMANDERS TACTICAL TERMINAL	QTY TOTAL COST			ING LIST PAGE NO.
B. WEAPON MOL	FY 1995 UNIT COST			P-1 SHOPPING LIST ITEM NO. PAGE N
N/BUDGET NO: RINE CORPS				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4				
	IDENT. CODE	a		474700
WEALON SIZ COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	COMMANDERS TACTICAL TERMINAL (CTT) MC SHARE OF JOINT PROGRAM OFFICE ANCILLARY EQUIPMENT RECEIVERS	TOTAL COST	BLI NR.

APPROPRIATION / PRINCE A CHITTETHY		PROCUREMENT	PROCUREMENT HISTORY & PLANNING	LANNING				DATE:		
PROCUREMENT, MARINE	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	TY	4		P-1 ITEM NOMENCLATURE: COMMANDERS TACTICAL TE	P-1 ITEM NOMENCLATURE: COMMANDERS TACTICAL TERMINAL (CTT)	MINAL (CTT)			
	CONTRDACTIOD	шо кашкого				·		RCN:	140736	
LINE ITEM/	AND	METHOD	CONTRACTED	AWARD	DATE OF FIRST		UNIT	SPECS	SPEC	IF YES
FISCAL YEAR	LOCATION	AND TYPE	BY	DATE	DELIVERY	QTY	COST	MOM	RORD	AVAIL
TACTICAL TERMINAL (CTT)	E-SYSTEMS, ECI DIV. ST. PETERSBURG, FL.	۵. ق. ق.	U.S. ARMY	MAR 96	MAR 97	5	347,415	YES	ON	. N/A
REMARKS:										
BLI NR.	474700			P-1 ITEM NO.	SHOPPING	LIST PAGE NO.			EXHIE	EXHIBIT P-5A
			الــــــ	42	, -	و				

EXHIBIT P-19 BEYOND BY 140736 COMMANDERS TACTICAL TERMINAL (CTT) REASON FOR DELAY RCN: USMC OTEE NO LONGER PLANNED: Will be tested subsequent of USMC systems, i.e, TERPES, TAS (TCAC), TAOC AND ATACC. BY (FY0) SCHEDULE DATE CY (FY-1) 4 SAGE NO. LAST REPORTED P-1 SHOPPING LIST (RDT&E Funding Profile - \$ in Millions) P-1 ITEM NOMENCLATURE: N/A WILL USE ARMY MS III/APR 96 CURRENT ITEM NO. 42 CODE B" ITEM DESCRIPTION Plan/Actual EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: Plan/Actual Plan/Actual Plan/Actual COMPONENT NONE Available Date of Technical Data Package (TDP) PLANT LOCATION a. Developmental Test & Evaluation (DT&E)
 b. Initial Operational Test & Evaluation (IOT&E)
 c. Operational Test & Evaluation (OT&E) or Performance Specifications
ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Developmental Test & Evaluation (DT&E) PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 1. CURRENT DEVELOPMENT AND TEST STATUS PROCUREMENT DECISION SIGNED ON 29FEB96. EQUIPMENT ITEM(S) TO BE REPLACED: DEVELOPMENT CONTRACT INFORMATION
CONTRACTOR NAME
P APPROPRIATION/BUDGET ACTIVITY 474700 TOTAL RDT&E FUNDING BLI NR. REMARKS: ď.

APPROVED ACQUISITION OBJECTIVE

COMMANDER'S TACTICAL TERMINAL (CTT) PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

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INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: II MARINE EXPEDITIONARY FORCE: I MARINE EXPEDITIONARY FORCE: NORWAY AIR LANDED BRIDGADE: SUPPORT ESTABLISHMENT: TOTAL: 53

APPROVED ACQUISITION OBJECTIVE

EXHIBIT P-20A 49 % 9.0 M 26 26 26 26 56 FY 1997 COMMANDERS TACTICAL TERMINAL (CTT) 0.0 - QUANTITY: VALUE: - QUANTITY: VALUE: FY 1996 FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY 0.0 104736 C SEE NO. FY 1995 P-1 SHOPPING LIST 0.0 RCN: ITEM NAME: FY 1994 ITEM NO. ASSET DYNAMICS 0.0 30 SEP 1993 INVENTORY ENDING TBD 53 *STD UNSERVICEABLE *SUB UNSERVICEABLE ACQUISITION OBJECTIVE: 474700 % A/O ON HAND/FUNDED *STD SERVICEABLE *SUB SERVICEABLE *COMBAT ALLIES TOTAL TOTAL \$M VALUE *COMBAT USMC ASSET POSITION: TOTAL *FY BUDGET *PEACETIME ASSET DYNAMICS TAMCN/DODIC: *WASHOUT BLI NR. *OTHER *OTHER SALES COMMENTS: LOSSES: GAINS:

PMC PRODUCTION SCHEDULE (4850) 4 P-1 17EH NOMENCLATURE: COMMANDERS: TACTICAL TERMINAL (CTT) RGN: 140736	O 96 P19CAL VEAR 197 P18CAL VEAR 99	OF COT OCT NOV DBC JAM FRB MAR APR MAY JUN JUL AUG SBP OCT NOV DBC JAM FRB MAR APR MAY JUN JUL AUG SBP OCT NOV DBC	S S S S S S S S S S S S S S S S S S S							OCT NOV DEC JAN PEB MAR APP MAY JUN JUL AUG BEP OCT NOV DEC JAN PEB MAR APP MAY JUN JUL AUG	\Box	10 20 PRIOR AFTER FACTOR AFTER FACTOR AFTER TOTAL AFTER FACTOR AFTER TOTAL AFT	
Ш	L	FY TO 1	0							do.	PRODU	٤	
KARINB	B PROGRAM QUANTITY	TIEM AND MANUFACTURER U/M R PY FY FY PY V PY							58	SH88 1	MANUFACTURER'S NAMB & LOCATION	-gystems, Bci Div., st Petersburg, Pi.,	

FY 2001 148239 JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM (JSTARS) FY 2000 FY 1999 DATE 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE: 0.0 FY 1997 BUDGET ITEM JUSTIFICATION SHEET FY 1996 FY 1995 APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY QUANTITY COST (IN MILLIONS)

The Joint Surveillance Target Attack Radar System (JSTARS) provides near real time targeting data in the form of moving target indicator and synthetic aperture radar (SAR) imagery reception, processing and connectivity to other CGSs, UAV systems, TACFIRE, AFATDS, Army all Source Analysis System (ASAS) and Trojan Spirit, and ensures MAGTF connectivity and commonality with USA and USAF.

Total AO is to be determined. At a minimum, two JSTARS CGSs will be procured and fielded in accordance with Congress' direction (see report 104-261).

474700

BLI NR.

P-1 SHOPPING LIST ITEM NO. PAGE NO.

PAGE NO.

42

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MOI	B. WEAPON MODEL/SERIES/POPULAR NAME JSTARS	JLAR NAME	15.5	RER NAME TATE	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	OTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
JSTARS CGSs					7,250	14,500		
TOTAL COST						16,417		
BLI NR.	474700		P-1 SHOPPING LIST ITEM NO. PAGE N 42	ING LIST PAGE NO.				EXHIBIT P-5

IF YES WHEN AVAIL EXHIBIT P-5A N/A SPEC REV RQRD 148239 No SPECS AVAIL NOW JSTARS DATE: 7,250 Yes UNIT P-1 ITEM NOMENCLATURE: N PAGE NO. QTY P-1 SHOPPING LIST DATE OF FIRST DELIVERY June 98 ITEM NO. AWARD DATE May 96 PROCUREMENT HISTORY & PLANNING 42 CONTRACTED BY PM JSTARS Fort Monmouth NJ CONTRACT METHOD AND TYPE FFP APPROPRIATION/BUDGET ACTIVITY:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY CONTRACTOR AND LOCATION Motorola, Scottsdale, AZ 474700 BLI NR. LINE ITEM/ FISCAL YEAR JSTARS 96 REMARKS:

	"CODE B" ITE	"CODE B" ITEM DESCRIPTION			DATE	
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	TATURE:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	T ACTIVITY	4			JSTARS RCN:	148239
1. CURRENT DEVELOPMENT AND TEST STATUS	ST STATUS				SCHEDULE DATE	
			CURRENT	LAST REPORTED	REASON FOR DELAY	SLAY
	tion (DT&E)	Plan/Actual		N/A		
	Evaluation (IOT&E)	Plan/Actual		N/A		
	on (OT&E)	Plan/Actual	N/A	N/A	User evaluations ongoing, in	including
d. Available Date of Technical Data Package (TDP)	Data Package (TDP)	Plan/Actual	Apr. 96	N/A		
2 REPTENDED DAME OF ADDROIAL ROD CEDITOR HOR.	FOD CEDITOR HER.					
1	TACED.	MONE ALL LIKIP MAR 95	MAR 95			
	TACED:	NONE				
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED:	equipment item(s) t	O BE REPLACED:		N/A		
5. DEVELOPMENT CONTRACT INFORMATION	ATION	(RDT&E Fundin	Funding Profile - \$ 1	in Millions)		
CONTRACTOR NAME	PLANT LOCATION	COMP			CY (FY-1) BY (FY0)	BEYOND BY
MOTOROLA	SCOTTSDALE, AZ.		ces		w	
					\$ \$	ww
					w w	w. v
TOTAL RDIGE FUNDING					0	$\overline{}$
REMARKS:						
JSTARS is a new capability for the Marine Corps.		Some RTD&E will be required.	l be required.			
BLI NR. 474700			8	P-1 SHOPPING LIST		EXHIBIT P-19
			42 -	CEANE NO.		
					71	

EXHIBIT P-20A 100% 16.4 M 16.4 FY 1997 100% FY 1996 RECOMMENDED BUY-QUANTITY : FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: 16.4 VALUE: FY 1996 DATE: 0.0 0 148239 N_O FY 1995 P-1 SHOPPING LIST ITEM NAME: JSTARS 0.0 RCN: FY 1994 ITEM NO. ASSET DYNAMICS 0.0 30 SEP 1993 INVENTORY ENDING ACQUISITION OBJECTIVE: *STD UNSERVICEABLE *SUB UNSERVICEABLE 474700 % A/O ON HAND/FUNDED *STD SERVICEABLE *SUB SERVICEABLE *COMBAT ALLIES TOTAL TOTAL \$M VALUE *COMBAT USMC NET CHANGE (+/-) ASSET POSITION: TOTAL *FY BUDGET *PEACETIME TAMCN/DODIC: *WASHOUT BLI NR. *OTHER *SALES *OTHER COMMENTS: LOSSES: GAINS:

		R MAY JUN JUL AUG BBP B	7										
П	PISCAL YBAR: 98	SEP OCT NOV DEC JAN FEB MAR APR MAY									SEP OCT NOV DEC JAN PRE MAR APR MAY JUN JUL AUG SEP		
RCN: 148239	П	AUG									AUG	REMARKS	APTER 1 OCT 32
	97 CAT DADA VOAD	SEP OCT NOV DEC JAN PEB HAR APR HAY JUN JUL									JAN PRB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN PEB MAR APR MAY JUN JUL	HANU-	1 OCT TINE 7 25
JSTARS	OK PESCAL YBAR:	ממא ממני אתפ									JUN JUL AUG BRP OCT NOV	PROCURBHENT LEAD TIME ADMIN LEAD TIME	INITIAL 1 OCT
N SCHEDULE (4850) P-1 ITEM NOMBNCLATURE:	AR: 96 CALBUDAR VERB.	-	4									яваснар Ин р+	INITIAL
PMC PRODUCTION	ACC BAL PISCAL YE	PY TO AS OF LOCT NOV D	0							0 2	1 OF 1 OCT NOV DEC	PRODUCTION PATES HIN SUST 1-8-5 HAXIHUN	
ARTHE CORPE/BUDGET ACT	PROGRAM QUANTITY	PY PY PY PY 98 9	3							2	SHBR		
ACTIVITY: PROCURBHENT R	to m	ITEM AND MANUFACTURER U/M R PY PY PY PY TO AS OF TOTAL OCT OCT OCT NOV DEC JAN PEB MAR APR MA	JSTARB, CGS HOTOROLA, SCOTTBDALB, AZ EA MC									MANUFACTURBR'S NAMB & LOCATION	Notice and the second

	ITY: BUDGET ACTIVITY			Д	11						
TTITY (IN MII ification ciclencies ns previc funding Intelli Mobile			4		P-1 ITEM NOMENCLATURE MODIFIC	NCLATURE: MODIFICATION KITS (INTEL)	N KITS (INTEL)			
rrry frication lification spreyle funding Intelli Mobile	20	1005			{	11			11	148239	
f (IN MII lfication lciencies as previc funding Intelli Mobile	T 4		FX 1996		FY 1997	FY 1998	FY	1999	FY 2000	FY 2001	17
lficatior ciencies sprevic funding Intelli	ŧ			5	0		_	0	0		0
ificatior iciencies ns previc funding Intelli Mobile	^	0.1 \$		\$ 6.0	12.0 \$	14.0	s	15.9 \$	22.3	₩.	20.4
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funding Intelli Mobile	nd budgered und ew items are fi	er this line elded, or to		r the	are for the purpose of co. increase operational capal	capabilities of end	equipment of end				
Intelli Mobile	ts modification	to the	following intelligence	intell	igence systems:	 ν					
	System MOD fare Support Sy	stem (AN/ML	Id (9E-7)	Д							
All items are code A											
MOD INSTALL	INSTALLING AGENT	Ħ	INSTALLATION	ION		END ITEM					
IAS MOD MEMORY DATA FIELD/N STORAGE	FIELD/NSWC, CRANE, IN	四日日日日	BEGIN: OO END: DI	OCT 95 DEC 95 OCT 96 OCT 97 DEC 97		IAS MOD					
MEWSS-PIP UNKNOWN	4	麗国	BEGIN: J	JUL 98		AN/MLQ-36					
BLI NR. 474900	00				P-1 SHOPPING					EXHIBIT	P-40
					43	PAGE NO.					

BUDGET ITEM JUSTIFICATION SHEET	ION SHEET		DATE	
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	4		MODIFICATION KITS (INTEL)	RCN: 148239
MODELS OF SYSTEMS AFFECTED: INTELLIGENCE EQUIPMENT		(\$ IN MILLIONS)		
MODIFICATION TITLE	FY 1995	FY 1996	FY 1997	
INTELLIGENCE ANYALYSIS SYSTEMS MOD	0.120	0.924	0.817	
AN/MLQ 36 (A) MEWSS			11.138	
TOTAL	0.120	0.924	11.955	
BLI NR. 474900		P-1 SHOPPING LIST PAGE 43 - 2	NG LIST PAGE NO.	EXHIBIT P-40

5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/P MODIFICATION KITS (INTEL) (RCN 148239	B. WEAPON MODEL/SERIES/POPULAR NAME (ODIFICATION KITS (INTEL) (RCN 148239)	JLAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	VER NAME	D. DATE
WEAPON SYSTEM I	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
INTELLIGENCE ANALYSIS SYSTEM MOD	A			LOT 120		LOT 924		LOT 817
AN/MLQ 36 (A) (MEWSS)	æ							11,138
Initial Spares				(229)		(731)		(992)
				120		924		11,955
BLI NR. 47	474900		P-1 SHOPPING LIST ITEM NO. PAGE N	100				EXHIBIT P-5

	Id .	PROCUREMENT HISTORY	생	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDG	APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		7		P-1 ITEM NO	MENCLATURE:	ITEM NOMENCLATURE: MODIFICATION KITS	ON KITS		
								RCN:	148239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
IAS MOD										
FY 95	CISCI RALEIGH, NC	OPTION	MCSC/NWSC MCTSSA	JUL95	SEP 95	LOT	120*	YES	NO	N/A
FY 96	HEWLETT PACKARD	OPTION	MCSC/NWSC MCTSSA	MAR 96	SEP 96	LOT	924*	YES	NO	N/A
FY 97	UNKNOMN	UNKNOMN	MCSC/NWSC MCTSSA	JAN 97	MAR 97	LOT	817*	YES	NO	N/A
MEWSS AN/MLQ 36 (A)							37,000			
FY 97	UNKNOWN	FFP/ COSTED OPT	PMSW VINT HILL FARM	JAN 97	JUL 98	8	5569	YES	ON	N/A
REMARKS:	* ALL UNIT COSTS ARE TOTAL COST	R TOTAL COS	П.							
BLI NR.	474900			P-1 ITEM NO.	SHOPPING LIST PA	IST PAGE NO.			БХНІВІТ	IT P-5A

		D TIEM DESCRIPTION			DATE			
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	ICLATURE:	MOD KITS INTEL	rel		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	T ACTIVITY	BA-4	A,	ALL MOBILE ELECTRO (MEWSS)	ELECTRONIC WARFARE SUPPORT	PPORT SYSTEM (AN	SYSTEM (AN/MLQ 36) RCN: 143466	
1. CURRENT DEVELOPMENT AND TEST STATUS	ST STATUS				SCHEDULE DATE		1	
			CURRENT	LAST REPORTED		REASON FOR DELAY	DELAY	
a. Developmental Test & Evaluation (DT&E)	tion (DT&E)	Plan/Actual	SEP 1995	N/A				:
b. Initial Operational Test & Evaluation (IOT&E)	Evaluation (IOT&E)	Plan/Actual	JON 1996	N/A				
c. Operational Test & Evaluation (OT&E)	on (OT&E)	Plan/Actual	JUN 1997	N/A				
d. Available Date of Technical Data Package (TDP	Data Package (TDP	Plan/Actual	AUG 1996					
or Performance Specifications	tions							
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:							
3. EQUIPMENT ITEM(S) TO BE REPLACED:	LACED:							
AN/ULQ-19 AN/GRC-213								
WJ-8618B								
RT-524A								
RT-246								
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)]]	TO BE REPLACED	Ď:					
THE CURRENT AN/MIO-36 MEWSS SIGNALS INTELLIGENCE AND FIRETRONIC ATTACK IS LIMITED TO THE EDECITEMENT SECTION AND THE CORRENT AN MIO-36 MEWSS SIGNALS INTELLIGENCE AND FIRETRONIC ATTACK IS LIMITED TO THE EDECITEMENT OF THE TACK IN THE TACK IN THE PROPERTY AND THE CORRESPONDED TO THE TACK IN THE	NALS INTELLIGENCE	AND ELECTRONIC	C APPACK IS I.I	Oada ahii om damin	MIGHORDS ADMI	PEDGRE MAD CIME	T TOWLE IS A TWO	condition in all com-
CHANNEL SIGNALS. THE MEWSS PIP WILL INTERCEPT, DEMODULATE, LOCATE AND JAM MODERN TACTICAL COMMUNICATIONS (FREQ HOPPER RADIO). IS NO OTHER SYSTEM WITH THE USWC THAT WILL MEET THIS REQUIREMENT.	WILL INTERCEPT, D C THAT WILL MEET T	EMODULATE, LO	CATE AND JAM MO	ODERN TACTICAL CO	AMUNICATIONS (F	FREQ HOPPER RAI	ONLI SINGLE SIO). THERE	a consideration of the state of
5. DEVELOPMENT CONTRACT INFORMATION	ATION	(RDT&E Fundir	Funding Profile - \$	in Willions)				
CONTRACTOR NAME	PLANT LOCATION				CY (FY1995)	BY (FY1996)	BEYOND	BY
ELECTROSPACE INC. (ESI)	RICHARDSON, TX	SYSTEM INTEGRATION	ATION		\$ 7.8	₩	1 1	25.4
					w	Łó.	w	
TOTAL RDT&E FUNDING					\$ 7.8	₹\$	\$ 0	25.4
REMARKS: THE MEWSS PIP	THE MEWSS PIP IS FULLY FUNDED.	APPROXIMATELY	80% RDT&E	IS PROVIDED BY NSA DEFENSE CRYPTOLOGIC	DEFENSE CRYPTOL	LOGIC FUNDS.		
BLI NR. 474900			P-1 SHC	P-1 SHOPPING LIST			EXHIBIT	P-19
			ITEM NO.	PAGE NO.				
			43	C				

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

Intelligence Analysis System (IAS)

MODELS OF SYSTEMS AFFECTED:

IAS MODIFICATION

DESCRIPTION/JUSTIFICATION:

intelligence information from sensors, signals and communications intelligence, and human sources, and provides this intelligence to the commander and his staff. The IAS is required to interface with a number The IAS is the fusion center for the Marine Air-Ground Intelligence System (MAGIS). The IAS fuses of tactical and national systems, and must be upgraded in order to maintain these capabilities and to continue functioning as new systems are developed.

MS-II, Jan 93

MAJOR DEVELOPMENT MILESTONES:

DEVELOPMENTAL STATUS/

FINANCIAL PLAN: (\$ in Millions)

PROCUREMENT
Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

Test of	0.000	0.000	0.000	0.000	0.000
TOTAL	00				
COMP			0.735	0.010	
TO COMP	LOT				
2000 8			0.825	0.010	
EY 2000 OTY S	LOT				
EY 1999 Off S			1.184	0.010	
ET X	LOT				
			1.062	0.010	
ey 1998 otx s	LOT				
\$			0.795	0.010	
OTY S	LOT				
\$ 50			0.903	0.010	
ev 1996 orx s	LOT				
\$ 500	-		0.110	0.010	
2 1095 OTV \$	Lot		J	J	

EXHIBIT P-3A INDIVIDUAL MODIFICATION

0.000

43-6

	SI XI	FY 1995	EX 1996 OTY S	ð	EX 1997 IX &	EX 1998 OTY \$	ð	\$ 2	EY 2000 TX \$	TO COMP		TOTAL	a s
INSTALLATION OF HARDWARE													
												0	0.000
(FY 1995) Eqpt (Kits)												_	000
(FY 1996) Eqpt (LOT Kits)		H	Lot 0.	0.011								0	0.011
(FY 1997) Eqpt (LOT Kits)				LOT	0.012							0	0.012
(FY 1998) Eqpt (LOT Kits)					H	LOT 0.	0.160					0	0.160
1999) Eqpt (LOT							LOI	0.181				0	0.181
2000) Eqpt (LOT								ro1	0.075			0	0.075
(TO COMP) Eqpt (LOT Kits)										LOI	0.175	0	0.175
TOTAL INSTALLATION COST		0.000 LOT		0.011 LOT	0.012 LOT		0.160 LOT	0.181 LOT	0.075	LOT	0.175	0	0.614
TOTAL PROCUREMENT COST		0.120 LOT		0.924 LOT	0.817 LOT		1.232 LOT	1.375 LOT	0.910 LOT		0.920	0	6.298
METHOD OF IMPLEMENTATION Contractor/field		1	ADMIN L	ADMIN LEAD-TIME:		5 MONTHS		PRODUCT	PRODUCTION LEAD-TIME:	TIME:	9	6 MONTHS	
CONTRACT DATES:		FY 1996	MAR	MAR 96	FY 1997	JAN	JAN 97						
DELIVERY DATES:		FY 1996	SEE	SEP 96	FY 1997	MAR	MAR 97						
INPUT	LOT	LOT		LOT	r .	H	LOT	1	LOT	LOT		LOT	
OUTPUT	LOT	LOT		LOT	.	H	LOT	I	LOT	LOT		Log	

EXHIBIT P-3A INDIVIDUAL MODIFICATION

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

AN/MLQ 36(A) (MEWSS) PIP

MODELS OF SYSTEMS AFFECTED:

ALL MOBILE ELECTRONIC WARFARE SUPPORT SYSTEM (AN/MLQ 36)

MEWSS PIP is an electronic warfare suite of equipment configured in the highly mobile, survivable Light Armored Vehicle (LAV). This program develops a material change for the current, outdated Blectronic Warfare (EW) suite. Threat tactical communications responsive EW support to maneuver commanders, enhanced the ability to defeat the enemy by isolating and suppressing opposing fire control and have advanced to complex, modulations requiring computer-intensive, open architecture solutions. MEMSS fulfills the requirement to provide command and control nets at a critical point of time in the battle. MEWSS PIP will provide detection, location, demodulation of advanced tactical communications. MEWSS PIP incorporates Army Intelligence and Electronic Warfare Common Sensor (IEWCS) electronics. DESCRIPTION/JUSTIFICATION: DEVELOPMENTAL STATUS/

Phase II Engineering Development Model (EDM). MS IIA Low Rate Initial Production 2nd Qtr96. MS III 1st Qtr97. MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in Millions)

	FY	FY 1995	E	FY 1996	FY 1997	FY 1998	866	FY 1999	666	FX 2000	000	TO COMP	COMP	TOTAL	Ar.
	OTY	*04	OTX	voi	OTX	OTX	eni	OLK	₩.	OTX	*/3	OTX	eni	NIX	40
RDT&E															
PROCUREMENT															0.000
Kit Quantity					7	73		77		က		3		0	
Installation Kits															0.000
Install. Kits Nonrecurring															0.000
Equipment															0.000
Equipment Nonrecurring					9.638		10.667	1	11.509	ਜ	16.612	.,	16.601		65.027
Engineering Change Orders															0.000
Data															0.000
Training Support															0.000
Support Equipment															0.000
Other															0.000
Interim Contractor Support															0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

	P	FY 1995	FY 1996 OTY S	OTY	FY 1997	EX 1998 QTX \$		PY 1999 OTY \$	a	EX 2000 OTX \$	OI XIO	TO COMP	TOTAL	78 Si
INSTALLATION OF HARDWARE													0 0	0.000
(FY 1995) Eqpt (Kits)													• •	0.000
Eqpt (0	0.000
Eqpt (2				7	1.500								7	1.500
Eqpt (2						7	1.500						7	1.500
(FY 1999) Eqpt (2 Kits)								2	1.500				63	1.500
(FY 2000) Eqpt (3 Kits)										3 2.250	20		e	2.250
Eqpt (3											m	2.250	e	2.250
TOTAL INSTALLATION COST	0	0.000	0	0.000 2	1.500	8	1.500	2 1	1.500	3 2.250	50 3	2.250	10	9.000
TOTAL PROCUREMENT COST		0.000		0.000	11.138		12.167	13	13.009	18.862	25	18.851		74.027
METHOD OF IMPLEMENTATION: CONTRACTOR			ADMIN L	ADMIN LEAD-TIME:		3 MONTHS			PRODU	PRODUCTION LEAD-TIME:	AD-TIME:		18 MONTHS	
CONTRACT DATES:		FY 1996			FY 1997 JAN 97	JAN 97								
DELIVERY DATES:		FY 1996			FY 1997 JUL 98	JUL 98								
INSTALLING SCHEDULE:	FY 1995	FY 1996	96		FY 1997	4	EY 1998	60 4	4	FY 1999	ᆔ	FY 2000	1 2 3	TOTAL 3 4
INPUT								73		63		63		
OUTPUT									63		8		8	

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	BUDC	SET ITEM JUSTI	BUDGET ITEM JUSTIFICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:			P-1 ITEM NOMENCLATURE:	CLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET A	CTIVITY	4		ITEMS LESS TH	ITEMS LESS THAN \$2 MILLION (INTEL)	(INTEL)	
							RCN:	RCN: 145246
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FV 2001
QUANTITY		0	0	0	0	0	-	
COST (IN MILLIONS	\$	1.0	1.7	\$ 0.0	0.7	\$	ν α	\$

This is a roll-up line which consists of:

Tactical Surveillance Countermeasures (TSCM) - A suite of equipment which provides the Marine Corps Counterintelligence Teams (CIT) with an updated capability to detect clandestine surveillance devices ("bugs") employed by hostile intelligence organizations in a garrison and/or combat environment.

Digital Terrain Analysis Mapping System (DTAMS) - Provides the Topographic Platoons with a portable means to exploit Defense Mapping Agency (DMA) digital mapping products in support of the Marine Air Ground Task Force (MAGTF) and the Photo Interpretation Set.

475100 BLI NR.

PAGE NO. P-1 SHOPPING LIST ITEM NO. PAGE

44

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERIES/POP ITEMS LESS THAN \$2 MILLION (RCN 145246)		Ular name (Intel)	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	RER NAME TATE	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
Technical Surveillance Countermeasures (TSCM)	ď		500,000	1 500	200,000	3 1,500		
Contractor Support Program Support Training Travel				24		219		
Digital Terrain Analysis Mapping System	æ		62,000	2 124				
Initial Factory Training Program Support				387				
Initial Spares				(61)				
4	475100		The state of the s	1045		1,719		
			ITEM NO. PAGE N	PAGE NO.				EXH1B1T P-5
				1				

DATE:	ITEM NOMENCLATURE:	ITEMS LESS THAN 2 MILLION (INTEL) RCN: (145246)		1 500,000 YES NO	3 500,000 YES NO	2 62,000 YES NO		ST EXHIBIT P-5A
	P-1 ITEM NOM	ITEMS LESS TH	DATE OF FIRST DELIVERY	Aug 95	NOV 96	Jun 95		SHOPPING LIST
PLANNING			AWARD DATE	Mar 95	MAY 96	Mar 95		P-1
8		4	CONTRACTED BY	SAF/FMBMB, AF, PENTAGON WASH, DC	SAF/FMBMB, AF, PENTAGON WASH, DC	MCSYSCOM		
PROCUREMENT HISTORY			CONTRACT METHOD AND TYPE	C/FFP	C/FFP	C/FFP		
	ACTIVITY:	ORPS/BUDGET ACTIVIT	CONTRACTOR AND LOCATION	VARIOUS	VARIOUS	VARIOUS		475100
	APPROPRIATION/BUDGET ACTIVITY:	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	LINE ITEM/ FISCAL YEAR	Technical Surveillance Countermeasures (TSCM) FY95	FY96	Digital Terrain Analysis Mapping System / FY95	REMARKS:	BLI NR.

	BUDGET ITEM JUSTIFICATION	IFICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	NCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVITY	7		NIC.	TMDE REPAIR FACILITY	ITY RCN.	140247
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	4	0	0	0	0	1	1
COST (IN MILLIONS) \$	\$ 0.7	- 11		\$ 0.0 \$	0.0	\$ 0.0 \$	0
THE ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT REPAIR FACILITY CONFIGURED TO PROVIDE REPAIR CAPABILITY IN THE FOLLOWING FUNCTIONAL AREAS: MEASUREMENTS), HIGH POWER RADIO FREQUENCY TWDE, OSCILLOSCOPES, MULTIMETERS, CALIBRATION STANDARDS.	dent, and diagnos' capability in thi lio frequency impi	TIC EQUIPMENT RE E FOLLOWING FUNC E, OSCILLOSCOPES		- A	STS OF A SERIES THDE, MICROPROCE	ETMDERF) CONSISTS OF A SERIES OF WORK STATIONS AUTOMOTIVE TWDE, ELECTRONIC FREQUENCY COUNTERS (TIME SMALL MISSILE TWDE, MICROPROCESSOR BASED TWDE, AND SOME	TIME AND SC
ACQUISITION OBJECTIVE (A/O): 14	14						
FY 1994 & PRIOR FY 1995	10 = 71% OF A/O 14 = 100% OF A/O	0/					
ALL ITEMS ARE CODE A							
							-
BLI NR. 481000			P-1 CHOPP	CHODDING LICE			
				PAGE NO.			EARLBIT F-40

D. DATE	QTY TOWN COST		0	EXHIBIT P-5
RER NAME STATE	FY 1997			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST		0	
PULAR NAME ILITY (RCN140247)	FY 1996			
B. WEAPON MODEL/SERIES/POPULAR NAME: LECTRONIC TMDE REPAIR FACILITY (RCN140247	QTY TOTAL COST	708	708	PING LIST PAGE NO.
B. WEAPON MODEL/SERIES/POPULAR ELECTRONIC TMDE REPAIR FACILITY (RCN1	FY 1995 UNIT COST	177000	and the state of t	ITEM NO. PAGE N
53	QTY TOTAL COST			
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORN BUDGET ACTIVITY 4	UNIT COST			
	IDENT. CODE	∢	481000	481000
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	FACILITY	TOTAL COST	Bul NK.

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RETTEM, MARINE CORPS/BUDGET ACTIVITY: RETTEM, MARINE CORPS/BUDGET ACTIVITY: CONTRACT CONTRA		14	PROCUREMENT HISTORY	HISTORY & PLA	& PLANNING				DATE:		
HENT, MARINE CORPS/BUDGET ACTIVITY AND TYPE BARETON CONTRACTOR CONTRACTOR AND TYPE BARETON CALL YEAR CALL YEAR CONTRACTOR CONTRACTOR AND TYPE BARETON CALL YEAR CALL YEAR CONTRACTOR AND TYPE BARETON DEC 94 SEP 95 4 177,000 YES NO FIRST CONTRACTOR CONTRACTOR AND TYPE BARETON DEC 94 SEP 95 4 177,000 YES NO CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR AND TYPE BARETON CONTRACTOR CONTRACTOR CONTRACTOR AND TYPE BARETON CONTRACTOR CONTRACTOR CONTRACTOR AND TYPE BARETON CONTRACTOR CONTRACTOR AND TYPE BARETON AND T	APPROPRIATION/BUDGET A	ACTIVITY:				P-1 ITEM NC	MENCLATURE:				
HE LIEM, CONTRACTOR CONTRACTOR METHOD CONTRACTOR BY AND TYPE BY AND TYPE BY COCKTI CONTRACTOR BY AND TYPE BY COCKTI NOW REPORT CONTRACTOR FY95 VARIOUS PO/FFP BARSTOW DEC 94 SEP 95 4 177,000 YES NO FY95 NO TYPE NO	PROCUREMENT, MARINE CO	ORPS/BUDGET ACTIVI	ΤΥ	4		ELECTRONIC	TMDE REPAIR	FACILITY			
NE TIEM, CONTRACTED AND NETTER OF THE OF COST CONTRACTED AND NETTER OF THE OF COST NOW ROLD IIC TWDE REPAIR PACILITY BARSTOW DEC 94 SEP 95 4 177,000 YES NO NOW ROLD IIC TWDE REPAIR PACILITY BARSTOW DEC 94 SEP 95 4 177,000 YES NO NOW ROLD IIC TWDE REPAIR PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW ROLD IIC TWDE REPAIR PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW ROLD IIC TWDE REPAIR PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 94 SEP 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NO NOW PACILITY BARSTOW DEC 95 A 177,000 YES NOW PACILITY BARSTOW		General Control								140247	
EY95 VARIOUS PO/FFP BARSTOW DEC 94 SEP 95 4 177,000 YES NO	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
FY95 VARIOUS PO/FFP BARETON DEC 94 SEP 95 4 177,000 YES NO	ELECTRONIC TMDE REPAIR	R PACILITY									
	FY95	VARIOUS	PO/FFP	BARSTOW	DEC 94	SEP 95	4	177,000	YES	NO	N/A

REVISED A/O WAS COMPLETED IN FY95. REMAINING FUNDS WILL BE USED TO PROCURE SMALL QUANTITIES OF TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT SUCH AS SAMPLING OSCILLOSCOPES, OPTICAL MULTIMETERS, AND THERMOCOLLIMATORS. FY95 ALSO REFLECTS INCREASED DEPOT MAINTENANCE RATE CHANGES.

P-1 SHOPPING LIST ITEM NO. 45

481000

BLI NR.

4

PAGE NO.

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: ELECTRONIC TMDE REPAIR FACILITY

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIGADE:

0

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14

4 6 6 4 6 0

14

APPROVED ACQUISITION OBJECTIVE

TOTAL:

しっか

ECTIVE: 14 INVENTORY 30 SEP 1993 FY 1994 4 4 6 0 NL SALIE CCEABLE CCEABLE CCEABLE CONDED 43 \$ 110 THEM NO. TEM NO.	DAMCN / DODIC:	ASSET DYNAMICS	ITEM NAME:	ELECTRONIC TMDE REPAIR	DATE: REPAIR FACILITY (ETMDERF	
THE PRICE 1994 FY 1995 FY 1996 FE 1996 F	OBJECTIVE:	14	1	1 470		
Nat.			FY 1994	FY 1995		FY 1997
TALE	OGET TOTAL		4 0 4	4 4	0	0
ABLE OBLE OBLE OBLE OBLE CEABLE CEABLE CEABLE CEABLE OBLE	T USMC T ALLIES TIME		0	0		
ABLE CCEABLE CONDED 43 \$ 110 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 100 8 1			0 0	0	0	0
CEABLE CO.8 \$ 1.3 \$ 1.4 \$ 1.4 \$ 1.4 \$ 1.0 \$ \$ \$ \$ \$ \$ \$ \$ \$	NET CHANGE (+/-)		4	4	0	0
TOTAL 6	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	9	100000	14 0	14	14
HAND/FUNDED 43 % 71 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 % 100 %	TOTAL \$M VALUE	9 0 8				
FY 1996 RECOMMENDED BUY - QUANTITY: FY 1997 RECOMMENDED BUY - QUANTITY: VALUE: \$	% A/O ON HAND/FUNDED	1	1	100 %	100 %	100
481000 P-1 SHOPPING LIST TTEM NO. PAGE NO. 45 - 8	COMMENTS:			FY 1996 RECOMMENDED FY 1997 RECOMMENDED	1 1	
	BLI NR. 481000		Ţ	PPING LIST PAGE NO.		EXHIBIT P-20A

FY 2001 4.1 હ 140947 Funds are used to buy mechanical test equipment and tools to support the following principal end items: Automotive (e.g. Trucks HMMWV's); Combat Engineers (e.g. Bulldozers); Ordnance (e.g. Tanks). The test equipment and tools are used by mechanics at all levels of maintenance (i.e. from operator to component rebuild) to restore deadlined items to operational condition. Items RCN: This is a composite line which consists of several general purpose mechanical test equipment items and tool sets & kits. FY 2000 4.0 GENERAL PURPOSE MECHANICAL TMDE FY 1999 3.8 DATE procured, range from individual mechanics tool kits to engine and transmission dynamometers. 3.8 1998 P-1 ITEM NOMENCLATURE: FY ₹O-FY 1997 3.0 3.0 BUDGET ITEM JUSTIFICATION SHEET FY 1996 1.0 \$ FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

The funding sustains modernization and standardization plans, as well as new requirements identified in support of new principal end items. In some cases, new requirements will supersede planned procurements. The items bought with these funds are non-developmental, commercial-off-the-shelf items (consequently extremely low risk).

All items are Code A.

483700 BLI NR.

PAGE NO. SHOPPING LIST ITEM NO.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MO GENERAL PUR (RCN 140947)	B. WEAPON MODEL/SERIES/POPULAR NAME GENERAL PURPOSE MECHANICAL TWDE RCN 140947)	ULAR NAME L TMDE	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	TRER NAME STRTE VARIOUS	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996	QTY TOTAL COST	FY 1997	QTY momai
ECP's FOR AGRS	Ą				1000 11110	TOO PUTO	TOO ITWO	TOTAL CO.
AGRS (OPTIONS)	K		155,000	310				
TOOL KIT, ELECTRO OPTICAL	ď			,				
DYNAMOMETER, ENGINE	ď		58,000	580	51,000			
TEST STAND, TRANSMISSION	A	gr 403			227,000	454	233,000	233
TEST BENCH, HYDRAULIC	Ą				140,000	1 140	111,000	333
CONTACT TEST SET-III (CTS)	ď				16,000	2,000	16,500	125 2,063
TEST BENCH, STARTER	æ						18,000	18
LOGISTICS SUPPORT	N/A			129		28		324
ACTIVE COMPONENTS RESERVE COMPONENTS				(1019)		(2664)		(2465)
TOTAL				1019		2979		3028
BLI NR. 4	483700		P-1 SHOPI ITEM NO.	P-1 SHOPPING LIST EM NO. PAGE NO.				EXHIBIT P-5
			46	0				

			-)						
	PR	PROCUREMENT HISTORY	لاد	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NOMENCLATURE:	MENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVITY	5 4	4		GENERAL PURPOSE MECHANICAL TMDE	POSE MECHAN	ICAL TMDE			
									140947	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	ОЩО	TIND	SPECS	SPEC REV	IF YES WHEN
AGRS TEST STAND						* + X	100	MON	UNAV	ntw\n
FY 95	EPECO, DENVER, CO	C/FPO	MCSC	MAR 95	MAR 96	7	155,000	YES	NO	N/A
DYNAMOMETER, ENGINE FY 95 FY 96	UNKNOWN UNKNOWN	C/FP C/FPO	MCSC	OCT 95 JAN 96	FEB 96 MAY 96	10	58,000 51,000	YES	NO NO	N/A N/A
TEST STAND, TRANS (TTS) FY 96 FY 97	UNKNOWN UNKNOWN	C/FP C/FPO	MCSC	JAN 96 JAN 97	APR 96 APR 97	1.2	227,000	YES	NO ON	N/A N/A
TEST BENCH, HYDRAULIC FY 96 FY 97	UNKNOWN	C/FP C/FPO	MCSC	JAN 96 JAN 97	SEP 96 SEP 97	11 8	140,000 111,000	YES	NO	N/A N/A
CONTACT TEST SET-III FY 96 FY 97	UNKNOWN UNKNOWN	C/FP C/FPO	MCSC	JAN 96 JAN 97	JAN 97 JAN 98	125 125	16,000	YES	NO	N/A N/A
TEST BENCH, STARTER FY 97	UNKNOWN	C/FP	MCSC	JAN 97	JAN 98	18	18,000	NO	NO	JAN 96
REMA.7KS:										,

PAGE NO. P-1 SHOPPING LIST PAGE NO.

EXHIBIT P-5A

46

483700

BLI NR.

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52.0 EXHIBIT P-40 FY 2001 142688 RCN: 50.0 0 FY 2000 0.0 0 FY 1999 NIGHT VISION EQUIPMENT DATE 0.0 P-1 SHOPPING LIST ITEM NO. PAGE NO. FY 1998 P-1 ITEM NOMENCLATURE: 17.2 FY 1997 47 NST (IN MILLIONS | \$ 39.3 | \$ 7.1 | \$ This is a rolled line for Night Vision Equipment consisting of: BUDGET ITEM JUSTIFICATION SHEET FY 1996 Scout Sniper Night Enhancement Device AN/PVS-7B Night Vision Goggles AN/PAS-13 Thermal Weapon Sight AN/PAQ-4B Infrared Aim Light FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY Laser Warning System APPROPRIATION/BUDGET ACTIVITY: 493000 COST (IN MILLIONS QUANTITY

ANALYSIS EXHIBIT (P-5)		ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY	NIGHT VISION PROFILE RCN: 142688	b. WEARON MODEL/SERLES/FORULAR NAME. NIGHT VISION EQUIPMENT ROLL-UP RCN: 142688	ULAR NAME -UP	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various	RER NAME TATE	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOPAI. COST	FY 1996	QTY	FY 1997	QTY
AN/PVS-7B NIGHT VISION GOGGLES	K			33,341	1600 1110	TOO THIN	TOO I TINO	TOTAL COST
ANCILLARY EQUIPMENT 3X MAGNIFIER	4					2,978		
MONOCULAR NIGHT VISION DEVICE	¥.							13,487
SCOUT SNIPER NIGHT ENHANCEMENT DEVICE	, a							3,695
AN/PAQ-4B INFRARED AIM LIGHT	ø			9009				,
GEN III TUBES	æ					4,152		
	- W LLIN							
Initial Spares				(3882)		(3337)		(957)
TOTAL COST				745 95		7 130		
BLI NR.	493000		P-1 SHOPPING LIST	ING LIST		ner!		EXHIBIT P-5
				C C				

140178 Night Vision Equipment AN/PVS-7B NVG DATE P-1 ITEM NOMENCLATURE: BUDGET ITEM JUSTIFICATION SHEET 4 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY:

0.0 FY 2001 0.0 FY 2000 0.0 FY 1999 0 FY 1998 13.5 FY 1997 7.1 FY 1996 33.3 11,180 FY 1995 COST (IN MILLIONS **UANTITY**

system incorporates an automatic high light shut off for protection from bright light and a low battery LED indicator in the previous models. This is a 3rd Generation image intensifying system capable of detecting a man-size target at 250M in starlight and 350M in moonlight. It is 6oz lighter than the current AN/PVS-5 NVG and is three times as sensitive. The The latest Night Vision Goggle, significantly enhances operational capability over display. This system is for ground use only. AN/PVS-7B Night Vision Goggle.

Acquisition Objective (AO) = 42,604

FY93 & Prior = 24835* = 63% AO FY94 = 28556 = 67% AO FY95 = 39724 = 93% AO

* Includes NGREA Qty of 2721

Approval for Service Use = FY 94 = Code "A"

BLI NR. 493000

P-1 SHOPPING LIST ITEM NO. PAGE

PAGE NO.

EXHIBIT P-40

MONOCULAR NIGHT VISION A ACE LIVE COMPONENT
(20095) (13246) (13346) (1346)

	H	PROCUREMENT HISTORY & PLANN	HISTORY & PL	ANN				DATE:		
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOW	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVI	TY	4	1	Night Visior	Night Vision Equipment AN/PVS-7B NVG	AN/PVS-7B			
								Z	140178	
A Stantage Langue 4	CONTRACTOR	CONTRACT			DATE OF			SPECS	SPEC	IF YES
LINE LIEM/ FISCAL YEAR	AND	METHOD AND TYPE	CONTRACTED BY	AWARD	FIRST	QTY	UNIT	AVAIL	RORD	WHEN
FY 95 AN/PVS-7B	ITT/LITTON ROANOKE, VA	CM-5/FPO	USA CECOM	JAN 95	JAN 96	11180	2960		ON	N/A
FY96 3X MAGNIFIER	ITT/LITTON ROANOKE, VA	CM-2/FPO	USA CECOM	FEB 96	JAN 97	9268	312	YES	NO	N/A
FY 97 MONOCULAR NIGHT VISION DEVICE	ITT/LITTON ROANOKE, VA	CM-2/FPO	USA CECOM	JAN 97	JAN 98	4285	3090	YES	ON	N/A
FY 96 GEN III 25mm TUBES	ITT/LITTON ROANOKE, VA	CM-2FPO	USA CECOM	FEB 96	JAN 97	1754	2267	YES	O	N/A
				- Carlo Soft Rate						
									· ·	
REMARKS:		=								

P-1 SHOPPING LIST ITEM NO.

EXHIBIT P-5A

493000

BLI NR.

PAGE NO.

47

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: AN/PVS-7B, NIGHT VISION GOGGLES

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

3047

3047

INITIAL ISSUE

III MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: I MARINE EXPEDITIONARY FORCE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIGADE: TOTAL: 42604

39557

12541 3770 7766 1012

14468

APPROVED ACQUISITION OBJECTIVE

9-Lh

	Night Vision Goggle	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	ITEM NAME: AN/PVS-7B RCN:	FY 1994 FY 1995 3730 11180 0 0 3730 11180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 67 8 93 8 67 FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY
ASSET DYNAMICS	E115	ENDING
	TAMCN/DODIC: ACQUISITION OBJECTIVE:	GAINS: *FY BUDGET *OTHER TOTAL LOSSES: *COMBAT USMC *COMBAT USMC *COMBAT ALLIES *WASHOUT *SALES *OTHER TOTAL ASSET POSITION: *STD SERVICEABLE *SUB SERVICEABLE *SUB SERVICEABLE *SUB SERVICEABLE *SUB SERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE *SUB UNSERVICEABLE

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		ITEM AND MANUFACTURER	£	PY 96 AN/PVS-7B/3X HAGNIPIBR ITT	ITL	PY97 MONICULAR NIGHT VISION DRVICE / ITT										HANUFACTURER'S NAMB & LOCATION	12		
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ACTIVI		22	PY95 AN/PV8-7B/NVG/1TT LITTON	7B/33	CEN III TUBES / ITT	AR N	7.8	1B	7.8								ITT, ROANOKE, VA		BLI NR. 493000
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	BUDGET ITEM JUSTIFICATION SHEET	TFICATION SHEET			חאשעו		
APPROPRIATION/BUDGET ACTIVITY:			P-1 TWEM NOMENCLAMIDE.	MCT.Amttbb.	7777		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVITY	4		Night Vision	Night Vision Equipment AN/PAQ4B	Q4B	
				Infrared Aim Light	Light	RCN:	RCN: 140178
	FY 1995	FY 1996	FY 1997	EV 1998	TV 1000	0000 AE	2000
OUANTITY	0.00			2000	6667 73	F1 2000	FX ZOOI
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COST (IN MILLIONS	\$ 6.0 \$	\$ 000	0	0	2		
ANT/DAY AT THE CASE OF THE CAS		11	0.0	0.0	÷ 0.0 ÷	\$ 0.0	0.0
AN FAR-45 Infrared Alm Light. A small, lightweight,	A small, lightwe		aim light that	attaches to in	infrared aim light that attaches to infantry weamons and is used with	and to need with	
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invisible to the naked eye, yet visible out to 600M when viewed with night vision equipment.

Acquisition Objective (AO) = 29,234

6000 = 20% of AO 26719 = 90% of AO FY94 = FY95 =

Approval for Service Use = FY 96 = Code "A"

P-1 SHOPPING LIST
EM NO. PAGE NO. ITEM NO. 47

EXHIBIT P-40

493000 BLI NR.

D. DATE	OTY	TOTAL COST			EXHIBIT P-5
KER NAME FATE Slogies	FY 1997	UNIT COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Insight Technologies	Manchester, NH QTY	TOTAL COST			
	FY 1996	UNIT COST			
B. WEAPON MODEL/SERIES/FOPULAR NAME NN/PAQ-4B IR AIM LIGHT	(RCN 1401/8)	TOTAL COST	20,719 5,532 256 218	9009	ING LIST PAGE NO.
B. WEAPON MODEL/SERIE AN/PAQ-4B IR AIM LIGHT	FY 1995	UNIT COST	267		P-1 SHOPPING LIST ITEM NO. PAGE N
ON/BUDGET /NO: ARINE CORPS					
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4					
	IDENT.	CODE	4		493000
WEAPON SYS COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM	COST ELEMENTS	AN/PAQ-4B IR AIM LIGHT PRODUCTION ENGINEERING ANCILLARY EQUIPMENT	TOTAL COST	BLI NR.

		PROCUREMENT HISTORY & PLANNING	HISTORY & PL	ANNING				יששעע		
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NO	ITEM NOMENCLATURE: AN/PAO-4B INFRARED AIM LIGHT	AN/PAO-4B	NFRARED	ATM LITE	тH
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVI	LTY	4				,			
	SOME STATES							RCN:	140178	
LINE ITEM/	CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST		UNIT	SPECS	SPEC	IF YES
FISCAL YEAR	LOCATION	AND TYPE	BY	DATE	DELIVERY	QTY	COST	MOM	RORD	AVAIL
AN/PAQ-4B	MANCHESTER, NH	C-2/FPO	USA CECOM	MAR 95	JAN 96	20,719	267	YES	O	N/A
REMARKS:										
BLI NR.	. 493000			P-1 ITEM NO.	SHOPPING LIST	IST PAGE NO.			EXHIBI	EXHIBIT P-5A

APPROVED ACQUISATION OBJECTIVE

PROGRAM NAME: AN/PAQ-4B, INFANTRY WEAPONS NIGHT TARGETING DEVICE

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:

3283 0 3283

INITIAL ISSUE

I MARINE EXPEDITIONARY FORCE:
II MARINE EXPEDITIONARY FORCE:
III MARINE EXPEDITIONARY FORCE:
SELECTED MARINE CORPS RESERVE:
SUPPORT ESTABLISHMENT:
NORWAY AIR LANDED BRIGADE:

9702

29534

APPROVED ACQUISITION OBJECTIVE

TOTAL:

26251

d-Ch

	ASSET DYNAMICS			DATE:	
TAMCN/DODIC: ACQUISITION OBJECTIVE:	E0955	ITEM NAME: P	AN/PAQ-4B INFRARED 140178	INFRARED AIM LIGHT 140178	
TAKE.	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
*FY BUDGET *OTHER TOTAL		0009	20719 0 20719		
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0 0 0 0	0 0 0 0		
NET CHANGE (+/-)		0009	20719		
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		0 0009	26719		
TOTAL \$M VALUE	0	6000	\$ 7.5		
% A/O ON HAND/FUNDED	* 0	20 %	* 06		
COMMENTS:			FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	ENDED BUY - QUANTITY: \$ VALUE: \$ ENDED BUY - QUANTITY: VALUE: \$	ж. ;
BLI NR. 493000		0.	SHOPPING LIST PAGE NO.		EXHIBIT P-20A
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1 1 1 1 1 1 1 1 1 1	BUDGET ACTIVITY: PROCUREMENT HAR	P-1	ITEN NOMENCLATURE: AN/PAG-4B TAL RCN: 140178
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P-1 SHOPPING LIST TTEM NO. PAUGE NO.	PY95 INSIGHT, MANCHESTER, NH	1000	PRIOR AFTER PACTURING 1 OCT 1 OCT TINE
TTBM NO. PAGE NO.	BLI NR. 493000		Source) 5 10 15

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		(SSNED) RCN: 140178	FY 2001		\$ 0.	
	quipment	nt Device (SSNE RCN:	FY 2000	0	0.0	Al and M82AlA ations.
DATE	Night Vision Equipment	ight Enhanceme	FY 1999	0	\$ 0.0	existing M400
	CLATURE:	Scout Sniper Night Enhancement Device (SSNED) RCN: 14	FY 1998	0	0.0	co/replacing the
	P-1 ITEM NOMENCLATURE:		FY 1997 FY 1998	329	3.7	ice attaching te on selected t
CATION SHEET		4	FY 1996	0	0.0	pic aiming dev rate rifle fir
BUDGET ITEM JUSTIFICATION SHEET			FY 1995	0	\$ 0.0	se. A telesco
BUDGE	ACTIVITY:	ORPS/BUDGET AC!			\$	hancement Devi
	APPROPRIATION/BUDGET ACTIVITY:	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		QUANTITY	COST (IN MILLIONS	Scout Sniper Night Enhancement Device. A telescopic aiming device attaching to/replacing the existing M40A1 and M82A1A sniper scopes. The SSNED permits precise and accurate rifle fire on selected targets during day/night operations.

FY97 Procurement Quantity = 329 = 77% of AO

= 426

Acquisition Objective

Approval for Service Use FY96 = Code "A"

493000 BLI NR.

P-1 SHOPPING LIST
ITEM NO. PAGE NO.

EXHIBIT P-40

D. DATE	ΔĨΙ	329	EXHIBIT D-5	C-4 ITGTUVS
RER NAME TATE NED	FY 1997	11141		
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION TO BE DETERMINED	QTY			
ULAR NAME ENT	FY 1996			
B. WEAPOR MODEL/SERIES/POPULAR NAME SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED) (RCN 14017R)	QTY		TNG LIST	PAGE NO.
B. WEAPON MODEL/SERIES/POPULA SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED) (RCN 140178)	FY 1995		P-1 SHOPPING LIST	ITEM NO.
N/BUDGET NO: RINE CORPS 0				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: BROCUREMENT, MARINE CORPS BUDGET ACTIVITY				
	IDENT.	4	493000	
WEAPON SYS COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM	SCOUT SNIPER NIGHT ENHANCEMENT DEVICE (SSNED) PRODUCTION ENGINEERING Active Component Reserve Component Reserve Component	BLI NR.	

		PROCUREMENT HISTORY & PLANNING	IISTORY & PL	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVI	ŢŢ.	O		P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
		- 11			Device (SSNED)	Night vision Equipment- Device (SSNED)	Scout	per Nigh RCN:	Sniper Night Enhancement RCN: 140178	ement
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELTVERY	№	TIND	SPECS	SPEC REV	IF YES WHEN
FY97	UNKNOMN	C-1/FPO	MODSAS	APR 97	- SEP 97	329	11141	NO	UNK	N/A
REMARKS:										
BLI NR.	493000			P-: ITEM NO. 47	P-1 SHOPPING LIST	EST PAGE NO.			EXHIBI	EXHIBIT P-5A

	C Mant " a ndoo"	TOTAL TOTAL					
	CODE B TIEM DESCRIPTION	ESCRIPTION			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	NCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	r ACTIVITY	4	-	Night Vision Equipment (SSNED)	1	Scout Sniper Night Enhancement Device RCN: 140178	ancement Device 140178
1. CURRENT DEVELOPMENT AND TEST STATUS	ST STATUS				SCHEDULE DATE		1
			CURRENT	LAST REPORTED		REASON FOR DELAY	ELAY
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E)		Plan/Actual	APR 96	30L 95	RE-TEST		
		Plan/Actual	96 AON	OCT 95	DT RE-TEST SLIPPED.	LIPPED.	
 d. Available Date of Technical Data Package (TDP or Performance Specifications 	Data Package (TDP tions	Plan/Actual					
	FOR SERVICE USE:	FEB 97					
3. EQUIPMENT ITEM(S) TO BE REPLACED:	LACED:	Z					
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)	equipment item(s) t	TO BE REPLACED	••	N/A	·		
				-			
DEVELOPMENT CONTRACT INFORMATION		(RDT&E Fundir	Funding Profile - \$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMP	COMPONENT		CY (FY	BY (FY19	BEYOND BY
					\$ 0.189	\$ 0.082	\$ 0.132
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TOTAL RDIGE FUNDING					\$ 0.189	\$ 0.082	\$ 0.132
REMARKS: The Scout Snip	The Scout Sniper Night Enhancement Device (SSNED) acquisition strategy	nt Device (S	SNED) acquisit	13	to procure a non-	a non-developmental	item.
00000 A03000				mort t Authur Colle			
				PAGE NO.			EXHIBIT P-19
			47	-			

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SCOUT-SNIPER NIGHT ENHANCEMENT DEVICE (SSNED)

SUSTAINMENT

18 9 27		88	72	32	72	135	0	399
WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE:	II MARINE EXPEDITIONARY FORCE:	III MARINE EXPEDITIONARY FORCE:	SELECTED MARINE CORPS RESERVE:	SUPPORT ESTABLISHMENT:	NORWAY AIR LANDED BRIGADE:	TOTAL:

426

APPROVED ACQUISITION OBJECTIVE

97-6

EXHIBIT P-20A W O 329 329 329 329 329 329 0 0 11 FY 1997 Scout Sniper Night Enhancement Device (SSNED) - QUANTITY - QUANTITY æ 0 VALUE: VALUE: 0 0 FY 1996 FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY 0 0 0 FY 1995 P-1 SHOPPING LIST 140178 0 0 RCN: ITEM NAME: FY 1994 ITEM NO. ASSET DYNAMICS 426 0 30 SEP 1993 INVENTORY ENDING TBD ACQUISITION OBJECTIVE: *STD UNSERVICEABLE *SUB UNSERVICEABLE 493000 % A/O ON HAND/FUNDED *SUB SERVICEABLE *STD SERVICEABLE *COMBAT ALLIES TOTAL \$M VALUE *COMBAT USMC NET CHANGE (+/-) ASSET POSITION: TOTAL *FY BUDGET *PEACETIME TAMCN/DODIC: *WASHOUT BLI NR. *SALES *OTHER *OTHER COMMENTS: LOSSES: GAINS:

PAGE NO.

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	UPAC	NBD/														NUPA	
	Ž.	PBR														¥	BLI NO: 493000
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	BUDGET ITEM JUSTI	JUSTIFICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:	/ITY:		P-1 ITEM NOMENCLATURE:	VCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	BUDGET ACTIVITY	4		AUTOMATED DAT	AUTOMATED DATA PROCESSING		
						RCN:	RCN: 144088
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	0
COST (IN MILLIONS) \$	\$ 16.5	\$ 23.0	\$ 0.0	0.0	\$ 0.0	\$ 0.0	\$ 0.0

The overall objective is to achieve modernization and increase processing capacity, both of which are required to allow continued operation of existing automated information systems (AIS) and the implementation of new corporate information management (CIM) automated information systems to The Marine Corps has a continuing need to upgrade its computer equipment and system software by The Marine Corps ADP program is an aggregation of inter-related data processing disciplines. replacement or augmentation in order to keep pace with user demands and changing technology. support all functional areas.

The Marine Corps regional ADP support is comprised of several components including small system computer equipment, proprietary system software products, the Marine Corps Local and Wide Area Exchange (LWX) network, and while future Marine Corps enterprise unique systems will be designed, developed, and fielded under a different support structure. In addition, there is workstations, network and workstation operating system software and end-user application, network management tools, and security be provided to the Fleet Marine Forces and supporting establishments by the Defense Mega-Center (DMC) in St. Louis, Missouri, nainframe connectivity. This support environment was revamped. For the foreseeable future, legacy system ADP support will an ongoing requirement to maintain the Marine Corps enterprise network infrastructure (servers, routers, hubs, printers, systems) to support DOD sponsored and Marine Corps unique client-server applications. REGIONAL COMPUTING CAPACITY PROGRAM.

FY 97-01 PROCUREMENT IN BLI 463500,

FUNDING PROFILE

FY95 FY96 FY97

2726 4625

BLI NR. 494200

P-1 SHOPPING LIST ITEM NO. PAGE NO.

48

PAGE NO.

EXHIBIT P-

In addition to the application software for pay, supply, manpower, and financial management, computer systems require system software is used to execute and enhance the management of hardware and/or application software and is absolutely essential for data processing operations. Marine Corps Common Computer Resources (CCR) coordinates and manages all system software products within the Marine Corps to include the Banyan Network Operating System which supports the Marine Corps wide area network. These proprietary products are used in conjunction with operating system software to make the system run more efficiently. The products are used to fine tune the system and support a variety of management functions. This software is generally proprietary, requiring annual licensing fees and maintenance support contracts. 144088 RCN: AUTOMATED DATA PROCESSING DATE P-1 SHOPPING LIST 1 NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 0 FUNDING PROFILE **FY96** 3335 ITEM NO. 48 FY95 1995 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-01 PROCUREMENT IN BLI 463500. APPROPRIATION/BUDGET ACTIVITY 494200 SYSTEM SOFTWARE BLI NR.

EXHIBIT P-40 Consists of command and control subsystems which enable the National Command Authorities (NCA), the Joint Chiefs of Staff, and commanders at appropriate levels to direct and control the operation of U.S. military forces. These funds provide for the NWMCCS/GCCS computer (microcomputer workstation, terminals, printers) and communications support equipment (modems, multiplexors) to support Marine Corps participation in the WMMCCS/GCCS as directed by the Secretary of the Navy and Chairman, Joint Chiefs of Staff. 144088 RCN: AUTOMATED DATA PROCESSING WORLD WIDE MILITARY COMMAND AND CONTROL SYSTEM (WWMCCS)/GLOBAL COMMAND AND CONTROL SYSTEM (GCCS) P-1 SHOPPING LIST

PAGE NO. P-1 ITEM NOMENCLATURE: FY97 0 FUNDING PROFILE **FY96** 447 ITEM NO. FY95 8375 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-01 PROCUREMENT IN BLI 463100. 494200 BLI NR.

EXHIBIT P-40 Required equipment and support for the Marine Corps Tactical System Support Activity efforts on Life Cycle Software Support (LCSS) for tactical systems. Investment items are essential to form the basis of software support for the Marine Corps tactical data systems that are fielded. 144088 RCN: AUTOMATED DATA PROCESSING DATE P-1 SHOPPING LIST
ITEM NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 0 FUNDING PROFILE FY96 1387 1200 FY95 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY TACTICAL SYSTEM SUPPORT EQUIPMENT FY 97-01 PROCUREMENT IN BLI 463500. APPROPRIATION/BUDGET ACTIVITY: 494200 BLI NR.

EXHIBIT P-40 144088 This centrally managed program will replace outdated ADP equipment. This program will buy a computer to run manpower math models in-house. Currently manpower pays teleprocessing fees to a vendor to operate these models. This program will also purchase compact disk read-only memory players that will transform documents from paper to electronic formats by providing read capability to the field. RCN: AUTOMATED DATA PROCESSING DATE P-1 SHOPPING LIST ITEM NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 FUNDING PROFILE **FY96** 224 48 FY95 589 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY MANPOWER AND RESERVE AFFAIRS ADP FY 97-01 PROCUREMENT IN BLI 463500. APPROPRIATION/BUDGET ACTIVITY: 494200 BLI NR.

Provides the Marine Corps the ability to continue expanding the role of simulating and modeling decision making tools. In order for the Marine Corps to build and maintain a solid presence in the joint wargaming community and continue to provide realistic scenarios and tools, it is imperative to advance with technology. The purchase of hardware and software necessary for these models will allow the Marine Corps to keep pace with other government agencies and to interact in realistic wargaming 144088 RCN: AUTOMATED DATA PROCESSING DATE P-1 SHOPPING LIST ITEM NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 0 FUNDING PROFILE FY96 0 48 FY95 1335 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-01 PROCUREMENT IN BLI 463500. 494200 BLI NR. CONFLICT S scenarios.

144088 Implementation of EDI in DoD' calls for an aggressive program to implement EDI in the next five years. EDI is the automated exchange of electronic forms, instead of paper. Through EDI, the Marine Corps' basic business systems can be modernized, procedural bottlenecks corrected, and overhead costs reduced. This initiative would cover the costs of the computer and software necessary to transmit information electronically. P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING P-1 SHOPPING LIST I NO. PAGE NO. FY97 FUNDING PROFILE FY96 71 ITEM NO. 48 FY95 9 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY ELECTRONIC DATA INTERCHANGE (EDI) FY 97-01 PROCUREMENT IN BLI 463500. APPROPRIATION/BUDGET ACTIVITY 494200 BLI NR.

144088 Provides the Marine Corps the ability to process, store and retrieve Official Military Personnel Files for all active and reserve Marines in an Optical Digital Imaging (ODI) format. The use of this advanced technology will reduce the current cost of maintaining these records, virtually eliminate their loss, and provide multiple users simultaneous access. An initial investment of \$5M in PMC (in addition to and increase of \$3M over the current O&MMC level of funding) in this ODI technology will save approximately \$46M in operating expenses over a 10-year life cycle. RCN: P-1 ITEM NOMENCLATURE:
AUTOMATED DATA PROCESSING P-1 SHOPPING LIST 1 NO. PAGE NO. FY97 FUNDING PROFILE FY96 3406 ITEM NO. 48 FY95 0 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY OPTICAL DIGITAL IMAGING (ODI-RMS) FY 97-01 PROCUREMENT IN BLI 463500. APPROPRIATION/BUDGET ACTIVITY: 494200 BLI NR.

EXHIBIT P-40 144088 DMS DMS consists of all the hardware, software, procedures, standards, facilities, and personnel used to exchange messages electronically between organizations and individuals in the DoD. The vision of DMS is to provide secure, accountable and reliable message service. Using the Defense Information System Network (DISN) Infrastructure/Global Grid for worldwide connectivity, DMS provides value-added X.400 messaging and X.500 directory services for DoD organizations and individuals. Dwill replace the current AUTODIN system and implemented through the use of Marine Corps acquired computer hardware and local area networks/wide area networks (LANS/WANS) to distribute both organizational and individual electronic messages. RCN: AUTOMATED DATA PROCESSING DATE P-1 SHOPPING LIST NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 0 FUNDING PROFILE **FY96** 4131 ITEM NO. 48 FY95 0 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97-01 PROCUREMENT IN BLI 463400. DEFENSE MESSAGE SYSTEM (DMS) 494200 BLI NR.

BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4	ATION SHEET P-1 ITEM NOMENCLATURE: 4 AUTOMATED DATA PROCESSING
10. JOINT RECRUITING INFORMATION SUPPORT SYSTEMS (JRISS)	
JRISS will automate the entire recruiting business process from hig canvassing recruiter level. Benefits of the system include one tin Delayed Entry Program (DEP) tracking, enlistment criteria expert sy interface with MEPS, other services and relevent outside agencies. data definitions in a distributed database. JRISS service specific practices of each armed service.	JRISS will automate the entire recruiting business process from high level mission planning at the headquarters to prospecting at the canvassing recruiter level. Benefits of the system include one time data entry, forms generation, automated activity reporting, belayed Entry Program (DEP) tracking, enlistment criteria expert system, electronic distribution of leads, and electronic interface with MEPS, other services and relevent cutside agencies. JRISS will be a joint system with all services sharing standardized data definitions in a distributed database. JRISS service specific front-end user interfaces will support the unique recruiting practices of each armed service.
FY 97-01 PROCUREMENT IN BLI 463500.	
	FUNDING PROFILE
	FY95 FY96 FY97
BLI NR. 494200	1 SHOP O.
	- 0

WEAPON SYSTEM COST		A APPROPRIATION / BIIDGET	N/BIIDCETT	M MODERNI M	GWAN GATHGOOL SET TERON NOGATIN A	DITT AD MANUS	TO THE CHARLES THE PARTY OF THE	The second	
ANALYSIS EXHIBIT (P-5)		ACTIVITY TITLE/NO: PROCUREMENT, MARIN BUDGET ACTIVITY	E/NO: MARINE CORPS TY 4	AUTOMATED DATA PROCESSING RCN: 144086	A PROCESSING RCN: 144088	OLAK MARIE	PLANT CITY/STATE LOCATION	VEEK NAME STATE VARIOUS	D. DATE
					11				
WEAPON SYSTEM COST ELEMENTS	CODE	UNIT COST	QTY TOTAL COST	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
REGIONAL COMPUTING					2726		4625		0
SYSTEM SOFTWARE		· ·			1995		3335		0
WWW.ccs/gccs					8375		447		0
TACTICAL SYSTEMS SUPPORT					1387		1200		0
M&RA ADP					589		224		0
CONFLICT S				• • •	1335		0		0
EDI					09		71		0
ODI-RMS					0		3406		0
DMS					0		4131		0
JRISS		90°			c		000		•
					,				•
		•							

							·		
TOTAL COST					16467		23047		0
BLI NR.	494200	and a second		P-1 SHOPPING LIST	ING LIST				EXHIBIT P-5
			* ***	. 0	PAGE NO.				
				48					

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APPROPRIATION/BUINGET ACTIVITION.	PROCUREMENT HISTORY	ধ্য	PLANNING	11 11	HOUSE TOMES		DATE:		
AFFROFRIATION/BODGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	IVITY	4		P-1 ITEM N AUTOMATED	P-1 ITEM NOMENCLATURE: AUTOMATED DATA PROCESSING	SING			14 2.70
							RCN:	144088	
CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
VARIOUS	C/FFP C/FFP	LBC	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS VARIOUS	2,726,000	YES	NO NO	A/N A/N
VARIOUS	C/FFP C/FFP	LBC	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS VARIOUS	1,995,000	YES	NO	N/A N/A
VARIOUS	C/FFP C/T&M	LBC DISA	MAR 95 MAR 96	JUL 95 MAY 96	VARIOUS	8,375,000	YES	NO NO	N/A N/A
TACTICAL SYSTEM SUPPORT EQUIPMENT 5 VARIOUS 6	T C/FFP C/FFP	MCBCAMPEN MCBCAMPEN	MAR 95 FEB 96	JUL 95 APR 96	VARIOUS VARIOUS	1,387,000	YES	NO	N/A N/A
VARIOUS VARIOUS	C/FFP C/FFP	LBC	MAR 95 FEB 96	JUL 95 APR 96	VARIOUS VARIOUS	589,000 224,000	YES	NO NO	N/A N/A
VARIOUS	C/FFP	SYSCOM	JUL 95	SEP 95	VARIOUS	1,335,000	YES	ON	N/A
VARIOUS	C/FFP C/FFP	LBC	MAR 95 JAN 96	JUL 95 MAR 96	VARIOUS VARIOUS	60,000	YES	NO NO	N/A N/A
UNKNOWN	C/FFP	LBC	96 NOC	96 JUL	VARIOUS	3,406,000	YES	NO	N/A
UNKNOWN	C/FFP	ITAC	FEB 96	JAN 97	VARIOUS	4,131,000	YES	NO	N/A
UNKNOMN	C/FFP	ARMY	FEB 96	APR 96	VARIOUS	5,608,000	YES	ON.	N/A
494200			P-1 ITEM NO.	SHOPPING	LIST PAGE NO.			EXHIB	EXHIBIT P-5A
			48	1	15				

BI	BUDGET ITEM JUSTIFICATION SHEET	ICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	CLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	PACTIVITY	4		POST	SYSTEMS ROLL-UP	NOG	
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FV 2000	FV 2001
QUANTITY	0		1	ł			
COST (IN MILLIONS)	\$ 0.0 \$	0.0	11.4	13.	33.3	\$ 3.1 \$	1.
THIS IS A ROLLED LINE CONSISTING OF THE FOLLOWING:	OF THE FOLLOWING	ë					
	FY 97	FY 98	FY 99	FY 00	FY 01		
FY	10.5	8.6	4.6	0	0		
70	0 0	0 0	11.3	0	0		
GCCS FY 97-01	6.0	1.0	16.5	1.0	1.0		
TOTALS	11.4	13.6	33.4	3.1	1.0		
TCO - Tactical Combat Operations AFATDS - Advance Field Artillery Tactical Data ATACC - Advanced Tactical Air Command Central GCCS - Global Command and Control System	rations Lery Tactical Dal ir Command Centra Control System	al System					
BLI NR. 463100			P-1 SHOPPING LIST ITEM NO. PAGE	ING LIST PAGE NO.			EXHIBIT P-40

WEAPON SYSTEM COST ELEMENTS ICO (RCO	IDENT.	ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	COMMAND POST FY 1995 UNIT COST	COMMAND POST SYSTEMS ROLL-UP RCN: FY 1995 QTY UNIT COST TOTAL COST	OMMAND POST SYSTEMS ROLL-UP RCN: FY 1995 QTY UNIT COST TOTAL COST UNIT COST	PLANT CITY/STATE LOCATION VARIOUS QTY TOTAL COST UNIT CO	STATE FY 1997 UNIT COST	QTY TOTAL COST
								912
TOTAL COST	463100							11402
BLI NK.	465100		ITEM NO. PAGE N	PAGE NO.				EXHIBIT P-5

FY 2001 144124 0.0 0 2000 FY Tactical Combat Operations (TCO) 4.6 124 FY 1999 DATE 8.6 186 FY 1998 P-1 ITEM NOMENCLATURE: 10.5 230 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 0.0 FY 1996 0.0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY COST (IN MILLIONS QUANTITY

and related capabilities to Marine commanders and their staffs at the battalion level and above. TCO enables Marines to share a common picture of the battlefield throughout the Marine Air Ground Task Force (MAGTF), thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts messaging, overlay, This program provides digital mapping, This procurement covers the microcomputer needs of the TCO program. This program provides dand related capabilities to Marine commanders and their staffs at the battalion level and above. as well.

880 TCO ACQUISITION OBJECTIVE (A/O): THIS ITEM IS CODE A

(See BLI 461000) 38% OF A/O 118 OF A/O FY95&PRIOR: FY96:

64% OA/O 85% OF A/O 99% OF A/O 98 334 564 750 874 FY99-01: FY98: FY97:

The TCO line ends in FY96 and then falls under the Command Post Systems line in FY97.

463100 BLI NR.

PAGE NO. P-1 SHOPPING LIST ITEM NO.

49

	6	8648	885	471	179	97 102 108	10490	P-5
D. DATE	QTY TOTAL		09	26	290		100	EXHIBIT P-5
NAME	FY 1997	0	14750	8418	618			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOPAL COST							
JLAR NAME (TCO)	FY 1996							
B. WEAPON MODEL/SERIES/POPULAR NAME Tactical Combat Operations (TCO) RCN: 144124	QTY TOTAL COST							ING LIST PAGE NO.
B. WEAPON MOI Tactical Comba	FY 1995 UNIT COST							P-1 SHOPPING LIST ITEM NO. PAGE N
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4								
	IDENT.	Ą	æ	¥	ď			463100
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	Hardware Costs TAC IV Computer	TAC IV Expansion Box	TCIM (Army MODEM)	Transit Cases	SUPPORT COSTS ILS Program Management Factory Training/ Travel	TOTAL COST	BLI NR.

P-1 TIERM NOMENCLATURE: PROCUREMENT, MARINE CORPS/EDUDGET ACTIVITY: P-1 TIERM NOMENCLATURE: Tactical Combat Operations (TCO) Tactical Combat O			d	PROCUREMENT HISTORY	28	PLANNING				DATE:		
Tactical Combat Operations (TCO) Tactical Comparation Tactical Comparat	APPROPRIATION/	BUDGET	ACTIVITY:				P-1 ITEM NO	MENCLATURE:				
LINE ITEM/	PROCUREMENT, M	TARINE (CORPS/BUDGET ACTIVIT	X	4		Tactical Co	mbat Operati	ons (TCO)			
LINE TIEM, CONTRACTOR AND TYPE BY FIEST. CONTRACTOR AND METHOD BY CONTRACTOR AND TYPE BY CONTRACTOR BY CONTRACTOR BY CONTRACTOR BY COST AND TYPE BY THE STATE BY										RCN:	144124	
CHESAPEAKE, VA	LINE ITE FISCAL YE	M/ JAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	YTQ	UNIT	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
IN FY97 HEMLETT PACKARD C/FFP PORTSMOUTH Dec 96 Feb 97 60 14750 YES SAIC, SAN DIEGO, CAC/FFP CECOM SHIPPARD FY97 SAIC, SAN DIEGO, CAC/FFP CECOM SIL FY97 PACKAGING SARATAGING SARATAG	TAC-IV	FY97	HEWLETT PACKARD CHESAPEAKE, VA	C/FFP	fOUTH ARD	Dec 96	Feb 97	230	37600	YES	NO	N/A
sit FY97 SAIC, SAN DIEGO, CAC/FFP US ARMY OCT 96 Jan 97 56 8418 YES CECOM CECOM SS STRATEGIES, INC., BALTIMORE, MD. CFFP NISE EAST OCT 96 Jan 97 290 618 YES	TAC-IV Expansion Box	FY97	HEWLETT PACKARD CHESAPEAKE, VA	C/FFP	MOUTH		Feb 97	09	14750		NO	N/A
PACKAGING STRATEGIES, INC., BALTIMORE, MD. BALTIMORE, MD.	TCIM	FY97	SAIC, SAN DIEGO, CA	AC/FFP			Jan 97	56	8418		NO	N/A
	Transit Cases	FY97	PACKAGING STRATEGIES, INC., BALTIMORE, MD.		EAST			290	618		ON	N/A

P-1 SHOPPING LIST ITEM NO. PAGE NO.

49

463100

BLI NR.

EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: TACTICAL COMBAT OPERATIONS

SUSTAINMENT

EMENT: 81 99 180	E: 203 CE: 203 RCE: 136 VE: 40 0 CE: 0	(0)
WAK KESEKVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL: INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIDGADE: MARITIME PREPOSITIONING FORCE: TOTAL:	WRMR/MPF OFFSET

DATE:	ITEM NAME: Tactical Combat Operations (TCO) RCN: 144124	TO 1994 THE 1995	98 236 61 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 98 236 230	98 334 564 0 0 0 0 0 0 0 0 0	0 98 334 564 \$ 5.2 \$ 16.0 \$ 26.5	0 % 11 % 38 % 64 %	FY 1996 RECOMMENDED BUY - QUANTITY: 236 VALUE: \$ 10.8 M FY 1997 RECOMMENDED BUY - QUANTITY: 230 VALUE: \$ 10.5 M	P-1 SHOPPING LIST ITEM NO. PAGE NO.
ASSET DYNAMICS	A2534 IT	ENDING INVENTORY					0	* 0		TI
	TAMCN/DODIC: ACQUISITION OBJECTIVE:		GAINS: *FY BUDGET *OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	S: BLI NI BLI NO	BLI NR. 463100

	BU	BUDGET ITEM JUSTIFICATION SHEET	FICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:	CTIVITY:			P-1 ITEM NOMENCLATURE:	NCLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	RPS/BUDGET	ACTIVITY	4		Global Comman	Global Command and Control Systems (GCCS)	ystems (GCCS)	
				•			RCN:	RCN: 144088
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY		0	0	0	0	0	0	0
COST (IN MILLIONS)		\$ 0.0	\$ 0.0	\$ 0.9	1.0	1 0	100	\$

1. Global Command and Control System (GCCS). Consists of command and control subsystems which enable the National Command Authorities (NCA), the Joint Staff, and commanders at appropriate levels to direct and control the operation of U.S. military forces.

These funds provide for the GCCS hardware (servers, workstations, printers) and communications support equipment (hubs, routers, net encryption devices, modems, and cabling) to support Marine Corps participation in the GCCS as directed by the Secretary of the Navy and Chairman, Joint Staff.

Funding Profile

BLI NR. 463100

P-1 SHOPPING LIST
ITEM NO. PAGE NO.
49 -

EXHIBIT P-

D. DATE	QTY TOTAL COST	912	912 EXHIBIT P-5
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION Various	FY 1997 UNIT COST		
	QTY TOTAL COST	•	0
B. WEAPON MODEL/SERIES/POPULAR NAME Global Command and Control System RCN: 144088	FY 1996 UNIT COST		
	QTY TOTAL COST	•	ING LIST PAGE NO.
	FY 1995 UNIT COST		P-1 SHOPPING LIST ITEM NO. PAGE N
NV BUDGET NO: IRINE CORPS			
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4			
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	IDENT. CODE	Male	463100
	WEAPON SYSTEM COST ELEMENTS	GLOBAL COMMAND AND CONTROL	TOTAL COST

			IF YES WHEN AVAIL	N/A	EXHIBIT P-5A
		144088	SPEC REV RORD	ON	EXHIB
DATE:		S (GCCS	SPECS AVAIL NOW	O Z	
		crol System	UNIT	912,000	
	ITEM NOMENCLATURE:	Global Command and Control Systems (GCCS)	QTY	VAR	LST PAGE NO.
	P-1 ITEM NO	Global Comm	DATE OF FIRST DELIVERY	мач 97	AG -
NNING			AWARD	JAN 97	P-1 ITEM NO.
PROCUREMENT HISTORY & PLANNING		4	CONTRACTED BY	VARIOUS	
ROCUREMENT H		ľY	CONTRACT METHOD AND TYPE	C/FPP	
d.	ACTIVITY:	ORPS/BUDGET ACTIVE	CONTRACTOR AND LOCATION	Various	463100
	APPROPRIATION/BUDGET ACTIVITY:	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	LINE ITEM/ FISCAL YEAR	FY 97	REMARKS: BLI NR.

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Щ	BUDGET ITEM JUSTIF	JUSTIFICATION SHEET			DATE		
APPROPRIATION/BINGET ACTIVITY.			D_1 TWEM NOMENCT. A TITLE .	CT.Amtro F.			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	T ACTIVITY	4		3 C2	SYSTEMS ROLL-UP		
	100E	700 t ver	1002	III III	11	N .	- 1
OUANTITY			- 1	FY LYYS	FY 1999	FY 2000	FY 2001
COST (IN MILLIONS)	\$ 0.0 \$	0.0	7.6 \$	11.	27.9 \$	16.2 \$	12.9
THIS IS A ROLLED LINE CONSISTING OF THE FOLLOWING: FY97	G OF THE FOLLOWING FY97	:: FY98	. FY99	FY00	FY01		
JTIDS FY97-FY98 DACT FY97	2.8	2.1	0.6	3.6	00		
PLRS FY99 COMBAT ID SYS FY00-FY01	00	00	18.9	12.6	12.9		
JTIDS - JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM DACT - DATA AUTOMATED COMMUNICATIONS TERMINAL PLRS - POSITION LOCATION REPORTING SYSTEM	TON DISTRIBUTION STATIONS TERMINAL	Mats					
BLI NR. 463200			P-1 SHOPP. ITEM NO.	SHOPPING LIST PAGE NO.			EXHIBIT P-40
	1		- 20				

D. DATE	QTY TOTAL COST	2840	7592	EXHIBIT P-5
RER NAME STATE	FY 1997 UNIT COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST			
PULAR NAME JP	FY 1996 UNIT COST			
B. WEAPON MODEL/SERIES/POPULAR NAME PANEUVER C2 SYSTEMS ROLL-UP	QTY TOTAL COST			ING LIST PAGE NO.
B. WEAPON MODEL/SER MANEUVER C2 SYSTEMS	FY 1995 UNIT COST			P-1 SHOPPING LIST ITEM NO. PAGE N 50 - 7
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4				
	IDENT. CODE	д д		463200
WEAPON SISTEM COST. ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	Joint Tactical Information Distribution System (JTIDS) Class 2 Terminal (RCN: 041693) Data Automated Communications Terminal (DACT) (RCN: 144058)	TOTAL COST	BLI NR.

0.0 FY 2001 041693 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM 0.0 FY 2000 0.0 0 FY 1999 DATE 2.1 0 1998 P-1 ITEM NOMENCLATURE FY 2.8 FY 1997 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

THIS IS A ROLL-UP LINE FOR THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).

THE JTIDS TERMINAL PROVIDES A HIGH-CAPACITY, JAM RESISTANT, SECURE, DIGITAL COMMUNICATIONS CAPABILITY FOR THE TACTICAL COMMAND AND CONTROL (C2) PLATFORMS.

ADVANCED TACTICAL AIR COMMAND CENTRAL (ATACC), AND AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP). THIS PROJECT ALSO PROCURES HARDWARE (INCLUDING GOVERNMENT FURNISHED PROPERTY (GFP)) REQUIRED TO INTEGRATE THE JTIDS CAPABILITY INTO THE TAOM AND THE ATACC. TACTICAL AIR OPERATIONS MODULE (TAOM), THIS PROJECT PROCURES JTIDS CLASS 2/2H TERMINALS FOR THE FOLLOWING USMC HOST PLATFORMS:

CLASS 2 TERMINALS = 25 ACQUISITION OBJECTIVE (A/O):

FY 95: FY 96: FY 97: FY 98-01:

9 = 36% OF AO 19 = 76% OF AO (INCLUDES 2 PRODUCTION UPGRADE KITS) 24 = 96% OF AO (INCLUDES 3 PRODUCTION UPGRADE KITS) 25 = 100% OF AO (INCLUDES 1 PRODUCTION UPGRADE KITS)

FY 95-96 PROCUREMENT IN BLI 421300.

463200 BLI NR.

P-1 SHOPPING LIST 1 NO. PAGE NO. 50 -ITEM NO

WEADON SYSTEM IDER COST ELEMENTS COI JTIDS CLASS 2 TERMINAL HIGH POWER AMPLIFIER GROUP (HPAG)	CODE B	ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	JOINT TACTICAL SYSTEM (JTIDS) FY 1995 UNIT COST	INFORMATIC RCN: QTY TOTAL COST	OA1693 FY 1996 UNIT COST	PLANT CITY/STATE LACATION VARIOUS QTY TOTAL COST UNIT CO	FY 1997 UNIT COST 578,452	QTY TOTAL COST 2 1157
PRODUCTION UPGRADE KIT FOR FSD TERMINAL CENTRAL SOFTWARE SUPPORT ACTIVITY/INTERMEDIATE SOFTWARE SUPPORT ACTIVITY SUPPORT COSTS							306, 588	385
Active Component Reserve Component Initial Spares TOTAL COST BLI NR. 463200	200	0	P-1 SHOPPING LIST	ING LIST		0		(2262) (578) (3811) 2840 EXHIBIT P-5

	PR	PROCUREMENT HISTORY	18	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
OCUREMENT, MARINE C	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	Į.	4		JOINT TACTI	JOINT TACTICAL INFORMATION DISTRIBUTION RCN:	TION DISTRI		SYSTEM 041693	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	70 7	SPEC REV RQRD	IF YES WHEN AVAIL
JTIDS CLASS 2 TERMINA FY 97	L GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA	FFP	USAF, ESC HANSCOM	JUN 97	99 NJC	8	578,452	YES	NO	N/A
PRODUCTION UPGRADE FOR FSD TERMINAL (CLASS 2) FY 97	R GEC-MARCONI-TOTOWA FFP NJ/ROCKWELL-COLLINS CEDAR RAPIDS IA	FFP	USAF, ESC	76 NUT.	99 NUC	m	306,588	S E A	ON	N/A
REMARKS:	·									
BLI NR.	463200			P-1 ITEM NO. 50	-1 SHOPPING LIST	IST PAGE NO.			БХНІВ	EXHIBIT P-5A

APPROPRIATION/BUDGET ACTIVITY:					DALE			
dia baron autawa minawadinode			P-1 ITEM NO	ITEM NOMENCLATURE:				
FROCONDUENT, MARTINE CORFS/BODGET ACTIVITY	BET ACTIVITY	4		JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM RCN	NFORMATION DIE	STRIBUTION SYS		041693
1. CURRENT DEVELOPMENT AND TEST STATUS	TEST STATUS				SCHEDOLE DA	DATE		
				CURRENT	I	LAST REPORTED	RE	REASON FOR DELAY
								5
a. Developmental Test & Evaluation (DT&E)	ation (DT&E)	Plan/Actual	OCT 1990 (1)		E			
b. Initial Operational Test &	Operational Test & Evaluation (IOT&E)	Plan	1987				2 ;	N/A
c. Operational Test & Evaluation (OTER)	Jon (OTER)		1001		AFR 1907		4	N/A
	1 Data Packade (TDP	" Plan/Actual	1000				Z	N/A
or Performance Specifications	ations		2		OSST WHI		Z 	N/A
 ESTIMATED DATE OF APPROVAL FOR SERVICE USE: 	FOR SERVICE USE:		MAR 1995 (DA	(DAB III)				
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)		TO BE REPLACED:	ů:	N/A				
DEVELOPMENT CONTRACT INFOR	INFORMATION	(RDT&E Fundin	Funding Profile -	S in Willions)				
CONTRACTOR NAME	PLANT LOCATION		NENT	THROUGH PY (FY1994)	4) CY (FY1995)) BY (FY1996)	196	REVOWN BY
GEC-MARCONI	TOTOWA, NJ	CLASS 2 TERMINAL	NAL	\$ 4.6	·	5	0.05 \$	1
GEC-MARCONI	TOTOWA, NJ	N		\$ 2.7	₩	- V3-	0	0
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				₹¢.	ŧ/s	·ss	- W-	
				₹5-	₩	₹\$	- 202	
TOTAL RDT&E FUNDING				\$ 7.3	w		0.05 \$	0.25
REMARKS: (1) AUG 92 D (2) AUG 92 D	DEFENSE ACQUISITION EXECUTIVE SUMMARY DAES: CLASS 2 (F15) IOT&E COMPLETE.	EXECUTIVE SUMMARIOTE.	MARY (DAES):	CLASS 2H (MCE)	FIRST FSD TERMI	L DELIVERY	-	
(3) AUG 92 D. (4) AUG 92 D.	DAES: COMPLETION DATE FOR DAES: LRIP (LOT 1) CONTRAC		JTIDS MULTI-SERVICE OT.	E OT.				
00			P-1	SHOPPING LIST				or d mrdruva
								ET-4 LIGIUVS
			To Line	FAGE NO.				
			00	2				

APPROVED ACQUISATION OBJECTIVE

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JIIDS) PROGRAM NAME:

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIGADE: TOTAL:

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APPROVED ACQUISITION OBJECTIVE

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	ASSET DYNAMICS		DZ	DATE:	
TAMCN/DODIC: ACQUISITION OBJECTIVE:	A08837G 25	ITEM NAME: JC RCN: 04	JOINT TACTICAL INFOR	INFORMATION DISTRIBUTION SYSTEM	ON SYSTEM
	ENDING INVENTORY	V4 1001	700		
GAINS: *FY BUDGET *OTHER		F667	1995	FY 1996	FY 1997
LOSSES: *COMBAT USMC *COMBAT ALLIES *PERCENTAR			0	0	S
*WASHOUT *SALES *OTHER TOTAL		0	0	0	C
NET CHANGE (+/-)		0	0	0	c n
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE		0	6	19	24 0 0
TOTAL \$M VALUE	0	\$	\$ 5.7	12.6	\$ 24
% A/O ON HAND/FUNDED	* 0	0	36 %	8 92	* 96
COMMENTS: FY 97 OTHER-QUANTITY ARE UPGRADES		OF THREE FSD TERMINALS.	FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BIY - CHANTEN	\$ ***
FY 94-96 JTIDS EXHIBITS LOCATED AT	COCATED AT BLI 421300.				\$ 2.8 M
BLI NR. 463200		P-1 SHOPE ITEM NO.	SHOPPING LIST PAGE NO.		EXHIBIT P-20A
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PACTURER U/H R PY V 95 HC RESERVES)* MC				ľ			PISCAL YEAR, 98				PI	PISCAL YEAR	66			1
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CL2 TERMINAL (RESBRVES)* NC	2	0	2			4										e o
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CLZ PRODUCTION UPGRADE MC GEC/ROCKWELL	-	0	m			4								1		0
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HANUPACTURER'S NAME & LOCATION SEC. TOTOMA, NJ ROCKHELL, CEDAR RAPIDS, 1A. BLI NR. 463200		PRODU. 1 1	HIN SUST 1-8-5 HAZIMUN 1 5 16	REACHED NUM D+ 16 16		PROC INITIAL P-1 MICPENSOR GOURCE P-1 MICPENSOR TO P-1	PROCUREHENT LE ADMIN LE PRIOR 1 OCT 1 CCT		HANU- FACTURING TIMB 24	TOTAL APTER 1 OCT 32	RBKARKS: *RBSERVE LINE IS NON-ADDITIVE	B IS NON-ADE	OITIVE			

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0.0 FY 2001 144058 DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT) 3.6 RCN: 2000 FY 9.0 0 1999 DATE FY 47 9.0 FY 1998 P-1 ITEM NOMENCLATURE: 4.8 0 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 0.0 0 FY 1996 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS QUANTITY

The Data Automated Communications Terminal (DACT) program provides digital mapping, messaging, overlay, and related capabilities to Marine commanders and their staffs at all levels of command. They enable Marines to share a common picture of the battlefield throughout the task force, thereby allowing commanders to make more timely and effective decisions. This system uses the common core software of the Joint Maritime Command Information System and will allow Marines to share their views of the battlespace not only with each other, but their Navy and Coast Guard counterparts as well.

THIS ITEM IS CODE B

DACT ACQUISITION OBJECTIVE (A/O): 4124 VEHICLE MOUNTED: 1,121

1,121 HANDHELD:

AO 3003 HAND HELD DACT: FY97: 400 FY98: 1201

400 = 13% OF A/O 1201 = 40% OF A/O 3003 = 100% OF A/O 1201 FY99-01:

PAGE NO. P-1 SHOPPING LIST ITEM NO

EXHIBIT P-40

463200 BLI NR

WINDOW STORM LIDBRY CODE	WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MODEL/SERI DATA AUTOMATED COMMUN (DACT) (RCN: 144058)	B. WEAPON MODEL/SERIES/POPULAR NAME DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT) (RCN: 144058)	ULAR NAME NS TERMINAL	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION UNKNOWN	RER NAME STATE	D. DATE
NAL COST 0 0 0 0 0 0 0 0 0			FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	TOTAL COST	FY 1997 UNITH COST	QTY TYPEAT, COST
MAL COST BLI NR. 462200 TITER NO. 1550 50 10,913 400 10,913 400 10,913 400	SUPPORT COSTS							391
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		T	P-1 SHOPE	PING LIST				EXHIBIT P-5
	A STATE OF THE PARTY OF THE PAR	The second	tion no.	FROE NO.				
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APPROPRIATION/BIIDGET ACTIVITITY.		PROCUREMENT HISTORY & PLANNING	IISTORY & PL	ANNING				DATE:		
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ACITATII: ORPS/BUDGET ACTIVIT	¥.	7		P-1 ITEM NO DATA AUTOMA	P-1 ITEM NOMENCLATURE: DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)	ATIONS TERM	IINAL (D	ACT)	
	Gomb Comme								144058	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	YIQ	UNIT	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
намонего	UNKNOWN	C/FFP	UNKNOMN	MAR 97	MAY 97	400	10,913	VES		N/A
REMARKS:										
BLI NR.	463200			P-1 ITEM NO. 50	P-1 SHOPPING LIST D. P.	EST PAGE NO.			EXHIBIT P-5A	T P-5A

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APPROPRIATION/BUDGET ACTIVITY: DDACTIDEMENT MADINE CODDS/DINGED ACTIVITY		CODE DIEM DESCRIPTION			DATE			
MAPTINE CODDS/BINGER			P-1 ITEM NOMENCLATURE:	NCLATURE:				
	T ACTIVITY	4		DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)	MUNICATIONS TERM		RCN: 144124	124
1. CURRENT DEVELOPMENT AND TEST STATUS	ST STATUS				SCHEDULE DATE			
			CURRENT	LAST REPORTED		REASON FOR	FOR DELAY	
a Devolonmental Work (The luckion (PMCE)	H Con (TMC E)		4					
b. Initial Operational Test & Evaluation (TOTSE)	Evaluation (TOTAE)	Plan/Actual						
c. Operational Test & Evaluation (OT&E)	on (OT&E)	Plan/Actual						
	Data Package (TDP)	Plan/Actual						
ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:		MARCH 1997					
EQUIPMENT ITEM(S) TO BE REPLACED:	'LACED:	AN/PSC-2A DIG	ITAL COMMUNICA	PSC-2A DIGITAL COMMUNICATIONS TERMINAL (DCT)	(L)			
EKTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)	БQUIРМЕNТ ІТЕМ(S) Т	TO BE REPLACED:		OFFERS FOR MORE	OFFERS FOR MORE UTILITY AND OPERATIONAL USEFULNESS	ATIONAL USEFU	JINESS	
DEVELOPMENT CONTRACT INFORMATION	ATION	(RDT&E Funding Profile	10	in Millions)	Toponomic and the second secon			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT			CY (FY1995)	BY (FY1996)		BEYOND BY
					\$ 0.17	\$ 1.169	\$ 69	3.3
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TOTAL RDT&E FUNDING					\$ 0.17	+		3.3
REMARKS: ALL PY AND MO:	ALL PY AND MOST FY95 RDT&E WAS MEP FUNDING	EP FUNDING.						
BLI NR. 463200			P-1 SH	SHOPPING LIST				EXHIBIT P-19
			ITEM NO.	PAGE NO.				
		لاسد	50	<u></u>				

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: DATA AUTOMATED COMMUNICATIONS TERMINAL (DACT)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:	111
DEPOT MAINTENANCE FLOAT:	227
TOTAL:	338
INITIAL ISSUE	
I MARINE EXPEDITIONARY FORCE:	1135
II MARINE EXPEDITIONARY FORCE:	1061
III MARINE EXPEDITIONARY FORCE:	420
SELECTED MARINE CORPS RESERVE:	1023
SUPPORT ESTABLISHMENT:	147
NORWAY AIR LANDED BRIDGADE:	0
TOTAL:	3786
APPROVED ACCITISTITION OBJECTIVE	4 C F 4
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The County Autor		ASSET DYNAMICS	MICS	DA	DATE:	
ENDING	TAMCN/DODIC: ACQUISITION OBJECTIVE:		ITEM NAME: RCN:	ATA AUTOMATED COMMU	NICATIONS TERMINAL	(DACT)
TOTAL		ENDING TVENTO SEP 1	FY 1994	FY 1995	FY 1996	FY 1997
SPINC SPINCH SP	/ BUDGE		0	0	0	400
+/-	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0	0	0	0
SECONDED SECONDENDED SECONDENDED SECONDENDED SECONDED	NET CHANGE (+/-)		0	0	0	400
ALUE D/FUNDED 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 1.1996 RECOMMENDED BUY - QUANTITY: VALUE: \$ VALUE: \$ VALUE: \$ TITEM NO. PAGE NO. PAGE NO.	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE					400
P-1 SHOPPING LIST PAGE NO. 0.0 0.0	TOTAL \$M VALUE	0				
FY 1996 RECOMMENDED BUY - QUANTITY: VALUE: \$	% A/O ON HAND/FUNDED	3	0.0		0.0	1
463200 P-1 SHOPPING LIST ITEM NO. PAGE NO.	COMMENTS: ANDHELD DACT		д	ry 1996 recommended ry 1997 recommended	1 1	400
			1	E		EXHIBIT P-20

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	BODGET TTEM JUSTIFICATION SHEET	FICALION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	ICLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVITY	4		RADIO SYSTEMS		RCN:	0
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	0
COST (IN MILLIONS)	\$ 0.0 \$	0.0	\$ 52.9 \$	16.2 \$	54.0 \$	\$ 41.6 \$	7.
This is a roll-up line which contains the	ontains the following	ing programs:					
		FY97	FY98	FY99	FY00	FY01	
AN/PSC-5 ENHANCED MANPACK	FY97 EV97-EV01	0.0	0 0	ວິ	0 0	0 0	
SINCARS KALIOS SMART-T	FY99-FY01	O	0.0	32.9	22.9	7.8	
		,	!		- - -	.	
BLI NR. 463300			P-1 SHOPPING LIST				EXHIBIT P-40
			51				

D. DATE	TOTAL COST	8,006	(2,023)	EXHIBIT P-5
JRER NAME STATE VARIOUS	FY 1997 UNIT COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST		(1,278)	
OLAK NAME	FY 1996 UNIT COST			
b. WEAFON MODEL/SERLES/FOFULAR NAME RADIO SYSTEMS RCN: 0	U & &C		(1,146) 0	PAGE NO.
b. WEAPON MO	FY 1995 UNIT COST		(1,14)	ITEM NO.
NO: RINE CORPS				
A. AFFACERIATION FOLISET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4				
	IDENT. CODE		463300	00000#
WEAPON SYSIEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	AN/PSC-5 ENHANCED MANPACK TERMINAL (EMUT) SINCGARS RADIOS	Initial Spares TOTAL COST	THE NAME OF THE PARTY OF THE PA

0.0 FY 2001 RCN: 41331 AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) 0.0 0 FY 2000 in addition to voice and data, the AN/PSC-5 interfaces facsimile, teletype, NET radio Interface (NRI), and SINCGARS. The AN/PSC-5 is a lightweight, manportable UHF satellite communications (SATCOM) terminal that will provide longprotocol mandated by the Joint Staff; non-DAMA will not be allowed to communicate by satellite after 30 Sep 96. The AN/PSC-5 provides embedded Communications Security (COMSEC) and encrypted voice and data capabilities, ensuring multi-service interoperability with most existing and planned communications systems. ange single channel communications. The AN/PSC-5 incorporates the Demand Assigned Multiple Access (DAMA) 0.0 0 FY 1999 DATE 0.0 FY 1998 P-1 ITEM NOMENCLATURE: 8.0 125 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 0.0 1996 FY 0.0 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY APPROPRIATION/BUDGET ACTIVITY: 645 FY 97: 645 = 100% OF AO ACQUISITION OBJECTIVE: COST (IN MILLIONS) *QUANTITY*

463300 BLI NR.

PAGE NO. ITEM NO

P-1 SHOPPING LIST

D. DATE	QTY momar goes	125 3992 26 26 33 3752 18 203	900	EXHIBIT P-5
URER NAME STATE MAGNAVOX, TEXAS	FY 1997	ST M		I
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION MAGNAVOX, RICHARDSON, TEXAS	QTY TOTAL COST			
PULAR NAME UHF TERMINAL	FY 1996 UNIT COST			
B. WEAPON MODEL/SERIES/POPULAR NAME IN/PSC-5 ENHANCED MANPACK UHF TERMIN (EMUT)	QTY TOTAL COST			NG LIST PAGE NO.
B. WEAPON MODEL/SERIES/POPULAR NAME AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT)	FY 1995 UNIT COST			P-1 SHOPPING LIST ITEM NO. PAGE N
TION/BUDGET JE/NO: MARINE CORPS TTY 4				
A. AFFROYRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORI BUDGET ACTIVITY		·		
	IDENT. CODE	A0917		463300
WEALON SISIEM COST	WEAPON SYSTEM COST ELEMENTS	AN/PSC-5 (EMUT) SPECIAL TEST EQUIP FACTORY TRAINING KEMOTE CONTROL UNITS VEHICLE MOUNTS	TOTAL COST	BLI NR.

EMENT, MARINE CORPS/BUDGET ACTIVITY: CONTRACTOR LINE ITEM/ SIGNAL YEAR CONTRACTOR CONTRACTOR AND TYPE BY WAGNAVOX C/FFP/O CECOM D WAGNAVOX C/FFP/O CECOM D MAGNAVOX C/FFP/O CECOM D ROCKWELL CONTROL B. MOUNTS T T ROCKWELL S: S: EMENT, MARINE CORPS/BUDGET ACTIVITY AND TYPE BY MAGNAVOX C/FFP/O CECOM D T T T THE HAGNAVOX T AND TYPE BY BY T T T T T T T T T T T T T	CONTROL CONT		PI	PROCUREMENT HISTORY	ď	PLANNING				DATE:		
CONTROL CONT	CONTROL CONT	APPROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NC	MENCLATURE				
LINE ITEM/	NETTERN	PROCUREMENT, MARINE C	CORPS/BUDGET ACTIVIN		4		AN/PSC-5 EN	HANCED MAN	PACK UHF TE	_	EMUT) 41331	
-5 WAGNAVOX C/FPF/O CECOM DEC 96 APR 99 125 \$31,934 Y AGNUTIOL HAGNAVOX C/FPF/O CECOM DEC 96 SEP 97 332 \$11,301 Y THEN NO. PALI NR. A63300 TTEN NO. PAR 99 125 \$31,934 Y Y TTEN NO. BEC 96 APR 99 125 \$31,934 Y Y TTEN NO. PAR 99 125 \$31,934 Y TTEN NO. PAGE NO. PA	5555555555	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
7	7	AN/PSC-5										
CONTROL TALCHARDSON, 134 ST1,301 Y	CONTROL MAGNAVOX C/FPP/O CECOM DEC 96 SEP 97 332 \$11,301 Y THE MOUNTS ROCKWELL C/FPP/O HARCORSYS AFR 96 SEP 97 18 \$11,301 Y THEN NO. FLI SHOPPING LIST FAR NO. FLI NR. PAGE NO. FLI NR. FLI NR. PAGE NO. FLI NR. F	FY 97		C/FFP/O	CECOM	DEC 96	APR 99	125	\$31,934	×	z	
MAGNAVOX C/FPP/O CECOM DEC 96 SEP 97 332 \$11,301 Y ROCKWELL C/FPP/O MARCORSYS APR 96 SEP 97 18 \$11,301 Y ELI NR. 463300 PPP/O CECOM DEC 96 SEP 97 18 \$11,301 Y	MOUNTS ROCKWELL C/FPP/O CECOM DEC 96 SEP 97 332 \$11,301 Y \$11,301 Y TITEM NO. FLI NR. FLI	REMOTE CONTROL UNITS	_									
MOUNTS ROCKWELL C/FPP/O MARCORGYS APR 96 SEP 97 18 \$11,301 Y BLI NR. 463300 TTEM NO. PAGE NO.	MOUNTS ROCKWELL C/EPP/O MARCORSYS APR 96 SEP 97 18 \$11,301 Y SLI NR. 463300 ITEM NO. PAGE NO. PAG	FY 97	MAGNAVOX	C/FPP/0	СЕСОМ	DEC 96		332	\$11,301	×	z	
ELI NR. 463300 TITEM NO. P-1 SHOPPING LIST	BLI NR. 463300 TIPEM NO. P-1 SHOPPING LIST 511,301 T 511	ZEHICLE MOUNTS										
BLI NR. 463300 ITEM NO. P-1 SHOPPING LIST	BLI NR. 463300 ITEM NO. P-1 SHOPPING LIST PAGE NO. 51 - 51 - 51	FY 97	ROCKWELL	C/FPP/O	MARCORSYS	APR 96		18	\$11,301	*	z	
BLI NR. 463300 F-1 SHOPPING LIST	BLI NR. 463300 P-1 SHOPPING LIST PAGE NO. 51 - 5											
BLI NR. 463300 F-1 SHOPPING LIST	BLI NR. 463300 F-1 SHOPPING LIST TITEM NO. PAGE NO. FAGE											
BLI NR. 463300 PAGE NO.	BLI NR. 463300 F-1 SHOPPING LIST FAGE NO. 51 - 51 - 51 - 51 - 51 - 51 - 51 - 51											
BLI NR. 463300 F-1 SHOPPING LIST	BLI NR. 463300 P-1 SHOPPING LIST 51 - 551 - 5											
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NOMENCIATURE: AN/PSC-5 ENHANCED MANPACK UHF TERMINAL (EMUT) RCN: 0	A. CURRENT DEVELOPMENT AND TEST STATUS 1. CURRENT DEVELOPMENT AND TEST STATUS 2. Developmental Test & Evaluation (DT&E) Plan/Ac 3. Developmental Test & Evaluation (DT&E) Plan/Ac 4. Initial Operational Test & Evaluation (OT&E) Plan/Ac 6. Operational Test & Evaluation (OT&E) Plan/Ac 9. Operational Test & Evaluation (OT&E) Plan/Ac 9. C. Operational Test & Evaluation (OT&E) Plan/Ac 9. ESTIMATED DATE OF TECHNICAL FOR SERVICE USE: 9. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: 9. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE RE 9. EQUIPMENT CONTRACT INFORMATION (RDT&E) 9. DEVELOPMENT CONTRACT INFORMATION (RDT&E) 10. DEVELOPMENT CONTRACT INFORMATION (RDT&E) 11. CURRENT CONTRACT INFORMATION (RDT&E) 12. DEVELOPMENT CONTRACT INFORMATION (RDT&E) 13. DEVELOPMENT CONTRACT INFORMATION (RDT&E) 14. CURRENT CONTRACT INFORMATION (RDT&E) 15. CONTRACTOR NAME (RDT&E) 16. DEVELOPMENT CONTRACT INFORMATION (RDT&E) 16. DEVELOPMENT CONTRACT INFORMATION (RDT&E)	rtual CURRENT CURRENT CURRENT CURRENT CURRENT CURRENT CURRENT CURRENT COT 92 MAR 96* MAR 96* ** LST-5C, AN/MRC-14 PLACED: OMSEC, reliability,	LAST REPORTED LAST REPORTED MAR 95 OCT 92 The AN/PSC-5 will and portability.	SCHEDULE DATE SCHEDULE DATE S/W INTEGRATION have DAMA prot	H N	
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### 96* ### 96* ### PAN/PSC-3, LST-5C, AN/MRC-140 ### The AN/PSC-5 will have DAMA protocol capability #### The AN/PSC-5 will have DAMA protocol capability #### The AN/PSC-5 will have DAMA protocol capability ###################################	ESTIMATED DATE OF APPROVAL FOR SERVICE USE: EQUIPMENT ITEM(S) TO BE REPLACED: EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REGULATED TO BE REGULATED TO BE REGULATED TO SET 96, IMPROVED CONTRACT INFORMATION CONTRACTOR NAME PLANT LOCATION (RDTGE F	l et	0 The AN/PSC-5 will and portability.	have DAMA prot		
### AN/PSC-3, LST-5C, AN/MRC-140 TO BE REPLACED: The AN/PSC-5 will have DAMA protocol capability proved COMSEC, reliability, and portability. ###################################	EQUIPMENT ITEM(S) TO BE REPLACED: AN/PSC-3 EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE RE quired for satellite access after 30 sep 96, improved CC DEVELOPMENT CONTRACT INFORMATION CONTRACTOR NAME PLANT LOCATION (RDTGE F		The AN/PSC-5 will and portability.	have DAMA prot		
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COMPLETED IN MAR 95. RADIOS. P-1 SHOPPING LIST THEM NO BACE NO	TOTAL DEFICE CIRILLY	··		0.019	0.075	
RADIOS. P-1 SHOPPING LIST THEM NO DAGE NO	TOTAL TOWNS	\$		0.019	0.075	
463300 P-1 SHOPPING LIST	WARKS: *ASU WILL BE BASED ON 1ST ARTICLE TEST COMPLETER AUTHORIZES THE INITIAL MATERIAL RELEASE OF THE RADIOS.	IN MAR				
463300 P-1 SHOPPING LIST						
ON BOXE			PING LIST			EXHIBIT D-19
		ITEM NO.	PAGE NO.			

APPROVED ACOUISTION OBJECTIVE

PROGRAM NAME: PSC-5

SUSTAINMENT

92	
118	
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APPROVED ACQUISITION OBJECTIVE

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TAMCN/DODIC:	A0917	ITEM NAME: AN RCN: 04	AN/PSC-5 ENHANCED M 041311	ENHANCED MANPACK UHF TERMINAL (EMUT)	(ЕМОТ)
ACQUISITION OBJECTIVE:	645				
	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
GAINS: *FY BUDGET *OTHER TOTAL		0	0	440	125
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0			
NET CHANGE (+/-)		0		440	125
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	08	08	08	520	645
TOTAL \$M VALUE	\$3.0	\$ 3.0	\$ 3.0	\$ 17.2	\$ 25.2
% A/O ON HAND/FUNDED	12 %	12 %	12 %	\$ 19	100 %
COMMENTS:			FY 0 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 440 \$ 14.2 M 125 \$ 8.0 M
BLI NR. 463300		P-1 SHOP	SHOPPING LIST		EXHIBIT P-20A

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ADMIN_LEAD_TIME	MANUFACTURBR Blect Sys Inc.	Bt. H	A LO	IN	2		T3	IN SI	PRODUC JST 25	1-8-1	S HATE	S 150		CHED						PRO	ADH ADH 1	IN LI	RAD T		PACT	INU-		NOTAL NPTER		RB	** OTH	ARKS: ** RESERVES LINE IS NO: OTH = ALL OTHER BUYERS	WES I	LINE HER B	IS NO	ON-AI	REMARKS: ** RESERVES LINE IS NOW-ADDITIVE OTH = ALL OTHER BUYERS	E.					i
28 29	163300			\prod	11		H		H		H		Щ			REOR P-1	DER	Prev	LIST	Bourc			9 9	_	28		38		\mathbf{H}	_	PRO	DUCTI	NON R	ATE P	OR P	SC-5	PRODUCTION RATE FOR PEC-5 ONLY				PYHTBTH D-21	61	13

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JUL AUG SEP OCT NOV DEG JAN FEB HAR ARR JUN JUL AUG											JUN JUL ANG SEP OCT NOV DEC JAN FER MAR APR MAY JUN JUL AUG	REMARKS: ** RESERVES LINE IS NON-ADDITIVE AL. OTH = ALL OTHER BUYERS TO PRODUCTION RATE FOR PSC-5 ONLY
1 S9 CLENCAL FEAR! CALENDAR YEAR! IPR MAY JUN JUL AUG SEP CCT NOV DEC JAN FEB MAR ARR NAY		52 52 52	4	31 32 32 32 32 32 32 32 32 32 32 32 32	4 0					•	R HAY JUN	PROCURENENT LEAD THE NANU- TOTAL
PRIOR DIE CY, 38 CALENDAR YERR FY TO AS OF 1 OCTI COCT OCT NOV DEC JAN FEB MAR 1	593 0	520 52 52 52	27	0 384	0 125	332 0	34 0			~ V Q	2 OF 2 OCT NOV DEC JAM FEB	HIN SUST 1-8-5 HAXINUM D+
W FY	EA A 593 96 17 17 17 17 17 17 17 17 17 17 17 17 17	EA A	(RESERVES) **	NA/PSC5/MAGNAVOX EA 384	NA/PSC-5/HAGNAVOX EA NC 125	REHOTE CONTROL UNITS EA HC 332	FRITCE MOUNTS EN NC 16 34			7 1 1 7 7 8 8	3	MANUFACTURER'S NAME & LOCATION AGGNAVOX ELECT SVS INC., PT. MAYNE, IN

0.0 2001 The SINCGARS radio will be used as the primary means of communication for command and control as well as fire support on the battlefield. SINCGARS will be highly reliable with over 1250 hours mean time between failure (MTBF) and built-in test equipment will ease the workload. Frequency hopping capability offers low probability of intercept, while integrated COMSEC deletes 043638 The SINCGARS radio will replace all AN/PRC-77 manpack, Bancroft, and AN/VRC-12 family of vehicular radios currently in the Marine Corps inventory. RCN: FY 2000 0 FY 1999 DATE FY 1998 SINCGARS P-1 ITEM NOMENCLATURE: FY 1997 Acquisition Objective (AO) = 25390 the requirement for external communications security equipment. BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 21519 = 85% of AO 25390 = 100% APPROPRIATION/BUDGET ACTIVITY: The SINCGARS radio is Code A. Prior Years FY 97-01: QUANTITY

PAGE NO.

ITEM NO.

P-1 SHOPPING LIST

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAPON MOI	B. WEAPON MODEL/SERIES/POPULAR NAME SINCGARS RCN: 043638	PULAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION ITT FORT WAYNE INdiana	URER NAME STATE Trdiana	D. DATE
APON SYSTEM ST ELEMENTS	IDENT.		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST		FY 1997 UNIT COST	QTY TOTAL COST
SINCGARS Ancillary Equipment Installation Kits Program Support Reliability Award Fee Warranty Consulting Services							899'8	3871 33,554 475 3,000 5,000 2,352 100 375
Initial Spares Active Component Reserve Component								(2,023) (14,033) (30,823)
				0		0		44856
BLI NR. 463	463300		P-1 SHOPPING LIST ITEM NO. PAGE N	ING LIST PAGE NO.				EXHIBIT P-5

APPROPRIATION/BUDGET ACTIVITY:		PROCONEMENT PLESTORI		& Firmwalke	P-1 TIPEM NO	TITEM NOMENCLATIBE.		DATE		
T, MARINE CO	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	>-	4			MENCLATORE:		RCN:	043638	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT		SPEC REV RQRD	IF YES WHEN AVAIL
	ITT, FORT WAYNE, IN FORT WAYNE INDIANA	a a a	сесом	MAR 97	98 MUE	3871	8,668	YES	ON	N/A
BLI NR.	UNIT COST DOES NOT INCLUDE UNIT COST IS AN AVERAGE OF 463300		NOT INCLUDE NAVY COMSEC FUNDING. A AVERAGE OF THE UNIT COST FOR VA ITEM	NDING. FOR VARIOUS P-1 ITEM NO.	NAVY COMSEC FUNDING. THE UNIT COST FOR VARIOUS CONFIGURATIONS OF THE SINCGARS RADIO. P-1 SHOPPING LIST ITEM NO. 51 - 13	IONS OF THE	SINCGARS R	ADIO.	EXHIBI	EXHIBIT P-5A

APPROVED ACQUISITION OBJECTIVE

PROGRAM NAME: SINCGARS

SUSTAINMENT

3

MATERIAL REQUIREMENT:	INANCE FLOAT:	ral:
RESERVE MATERIAL	DEPOT MAINTENANCE	TOTAL:
WAR RE	DEPOT	

5637

3795

INITIAL ISSUE

MARINE EXPEDITIONARY FORCE:	II MAKINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE:	SELECTED MARINE CORPS RESERVE:	LISHMENT:	NORWAY AIR LANDED BRIGADE:	TOTAL:
EXPEDITION	EXPEDITION EXPEDITION	MARINE CORI	SUPPORT ESTABLISHMENT:	R LANDED BI	TOTAL
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APPROVED ACQUISITION OBJECTIVE:

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	BUDGET ITEM JUSTIFICATION SHEET	FICATION SHEET			DATE			
APPROPRIATION/BUDGET ACTIVITY:	l)		P-1 ITEM NOMENCLATURE:	CLATURE:				_
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	BUDGET ACTIVITY	4		COMMUNICATIONS	COMMUNICATIONS SWITCHING & CONTROL SYSTEMS RCN:	ONTROL SYSTEMS RCN:	0	
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
	0	0	0	0	0	0		_
COST (IN MILLIONS)	\$ 0.0	\$ 0.0 \$	16.9 \$	42.4	\$ 8.65	48.5 \$	50.4	
This is a roll-up line which	a roll-up line which contains the following	wing programs:						
HOWING WINDERS TOWN	0000	FY97	FY98	FY99	FY00	FY01		
DIGITAL TECH CONTROL	FY98-FY01	6.37	14.8	20.8	14 9	0 0		_
TACTICAL DATA NETWORK	FY98-FY01	0	23.1	34.3	28.8	37.2		
DEFENSE MESSAGE SYSTEM	FY97-FY01	4.4	4.5	4.7	8.9	4.9		
				`				/`
BLI NR. 463400	001		P-1 SHOPPING LIST ITEM NO. PAGE 52 -	ING LIST PAGE NO.			ЕХН	

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And Mark				
D. DATE	QT ₁	1/2,524	(2,880)	EXHIBIT P-5
JRER NAME STATE VARIOUS	FY 1997 UNIT COST.			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST		(17,752)	
PULAR NAME	PY 1996 UNIT COST			
B. WEAPON MODEL/SERIES/POPULAR NAME COMMUNICATIONS SWITCHING & CONTROL SYSTEMS RCN: 0	QTY TOTAL COST		(458)	PAGE NO.
B. WEAPON MOI COMMUNICATIC SYSTEMS RC	FY 1995 UNIT COST		(458)	F-1 SHOPP ITEM NO. 52 -
NV/BUDGET NO: ARINE CORPS				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4				
	IDENT. CODE		463400	
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	UNIT LEVEL CIRCUIT SWITCE	Initial Spares TOTAL COST	

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0.0 FY 2001 The ULCS Product Improvement Program (ULCS PIP) will begin in FY-97. The ULCS PIP adds a variety of interoperability enhancements that improve the general usefulness and flexibility when employed in joint networks. These improvements include a line termination interface with the secure terminal unit (STU-III), the addition of a highly stable atomic timing standard to improve joint interoperability, increasing the capacity of the inter-nodal buffer to correct satellite delay problem, and a commercial office interface for the SB-3865. 041063 The Unit Level Circuit Switch (ULCS) System is a family of Tri-Service Tactical Communications digital voice and data switching equipment consisting of AN/TTC-42 (280 Line), and various digital telephones and multiplexers that provide an automatic secure telephone capability to the field. The ULCS system replaced the analog switching and terminal equipment including AN/TTC-38 and SB-3082. 0.0 RCN: FY 2000 AN/TTC-42, AUTOMATIC CENTRAL OFFICE TELEPHONE Unit Level Circuit Switch PIP S 0.0 c SB-3865, AUTOMATIC TELEPHONE SWITCHBOARD FY 1999 DATE 0.0 0 AN/TTC-42 Telephone Central & SB-3865 Tactical Switchboard PAGE NO. SB-3865: 0 = 0% OF AO SB-3865: 425 = 100% OF AO 1998 FY 1997 5.446 \$ 12.524 P-1 SHOPPING LIST P-1 ITEM NOMENCLATURE: FY END ITEM/FACILITY (\$ IN WILLIONS) 12.5 SB-3865 = 425FY 1996 FY 1997 ITEM NO FY 1995 NOV 98 DEC 98 NOV 98 DEC 98 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 INSTALLATION FY 1996 AN/TTC-42: 61 = 100% OF AO 0 = 0% OF AO BEGIN: BEGIN: END: END: FY 1994 0.0 0 AN/TTC-42 = 61FY 1995 AN/TTC-42: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY INSTALLING AGENT MODELS OF SYSTEMS AFFECTED: APPROPRIATION/BUDGET ACTIVITY: 463400 ACQUISITION OBJECTIVE (A/O): AN/TTC-42 MOD KIT SB-3865 MOD KIT FIELD FIELD MODIFICATION TITLE COST (IN MILLIONS) BLI NR. FY 96 AND PRIOR: FY 97: ULCS PIP TOTAL ULCS PIP QUANTITY MOD

		ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	UNIT LEVEL C	UNIT LEVEL CIRCUIT SWITCH (ULCS) RCN: 041063	(ULCS)	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION TO BE DETERMINED	STATE TINED	D. DATE
WEAPON SYSTEM I	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
ULCS PIP AN/TTC-42 Mod Kit SB-3865 Mod Kit NONRECURING COSTS Technical Data Supporting Equipment Engineering Travel							87,344	61 5,328 425 6,960 120 26 75 75
Initial Spares Active Component Reserve Component				(458)		(17,752)		(2,880)
TOTAL COST BLI NR. 46	463400		P-1 SHOPPING LIST ITEM NO. PAGE N	ING LIST PAGE NO.		0		12524 EXHIBIT P-5

	ď	PROCUREMENT HISTORY	W	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVI	TY	4		Unit Level Circuit Switch PIP	circuit swi	tch PIP	DCM.	041063	
LINE ITEM/	CONTRACTOR AND	CONTRACT METHOD	CONTRACTED	AWARD	DATE OF FIRST	AMO	TINU		SPEC	IF YES WHEN
AN /mmc_A2 MOTESTCARGE AT THE	TA I	AND LIFE	10	Daire	DELLIVERI	117	1000	NOM	KÇKO	AVALL
FY-97	UNKNOWN	C/FCP-RPR	SYSCOM	JAN 97	OCT 97	61	87,344	NO	N/A	N/A
SB-3865 MODIFICATION	KIT									
FY-97	ÜNKNOWN	C/FCP-RPR	SYSCOM	JAN 97	OCT 97	425	16,377	ON	N/A	N/A
REMARKS:										
BLI NR.	463400			P-1 ITEM NO.	P-1 SHOPPING LIST).	IST PAGE NO.			EXHIB	EXHIBIT P-5A
				52	ı	۲۰				

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

Unit Level Circuit Switch Product Improvement Program (ULCS PIP)

MODELS OF SYSTEMS AFFECTED:

AN/TTC-42 Automatic Central Office Telephone

DESCRIPTION/JUSTIFICATION:

The ULCS PIP will add a range of capabilities to the ULCS family of circuit switches that provide improved joint/strategic interoperability and greater network flexibility. Included are a STU-III telephone interface, an atomic timing standard, and an increased number of commercial interfaces. The modification kits will consist of circuit card assemblies and a new revision of software.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

A contractor will be competitively selected to produce the modification components based on Government furnished prototypes and drawings.

FINANCIAL PLAN: (\$ in Millions)

TOTAL OIX TO COMP OTY FY 2000 OTY FY 1999 ₹V\$ OLY FY 1998 OTY FY 1997 FY 1996 OTY FY 1995 ·O OTY

PROCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment

Interim Contractor Support

61

61

25-6

EXHIBIT P-3A INDIVIDUAL MODIFICATION

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	FY 1995	1995	199	FY 1997		199	FY	FY 1999	FY 2000	000	TO COMP	OMP	TOTAL	AL	
	OIX	eo)	OTY S	OTY	OI VI	OTY \$	OIX	₹O}	OTY	₹O¥	VIO	€O¥	OTA	sol to	
INSTALLATION OF HARDWARE															
(FY 1995) Eqpt (Kits)													c	0.00	
J													0	0.000	
J													0	0.000	
Eqpt (0.000	
(FY 1999) Eqpt (Kits)													0	0.000	
(FY 2000) Eqpt (Kits)													0	0.000	
(To COMP) Eqpt (Kits)														0.000	
TOTAL INSTALLATION COST	0	0.000	0 0.000	0	0.000	0 0.000	0	0.000	0	0.000	0	0.000		0.000	
TOTAL PROCUREMENT COST		0.000	0.000		5.446	0.000	0	0.000	J	0.0000		0.000		5.446	
METHOD OF IMPLEMENTATION: Field Installed	led.		ADMIN LEAD-TIME:	-TIME:	3 MO	3 MONTHS		PROE	PRODUCTION LEAD-TIME:	LEAD-1	LIME:	6	9 MONTHS		
CONTRACT DATES:	M	FY 1996_		FY	FY 1997	JAN 97	7								
DELIVERY DATES:	щ	FY 1996_		FY	FY 1997	OCT 97	71								
INSTALLING SCHEDULE:	FY 1995	FY 1996	96	FY 1997	97	日 7	FY 1998	.,	FY 1999	4 1	FY 2000	4 1	TOTAL 2 3	AL.	
INPUT															
титьп															

EXHIBIT P-3A INDIVIDUAL MODIFICATION

INDIVIDUAL MODIFICATION

Unit Level Circuit Switch Product Improvement Program (ULCS PIP) MODIFICATION TITLE:

MODELS OF SYSTEMS AFFECTED:

SB-3865 Automatic Telephone Switchboard

DESCRIPTION/JUSTIFICATION:

The ULCS PIP will add a range of capabilities to the ULCS family of circuit switches that provide improved joint/strategic interoperability and greater network flexibility. Included are a STU-III telephone interface, an atomic timing standard, and an increased number of commercial interfaces. The modification kits will consist of circuit card assemblies and a new revision of software.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

A contractor will be competitively selected to produce the modification components based on Government furnished prototypes and drawings.

FINANCIAL PLAN: (\$ in Millions)

7	*×*
TOTAL	OTY
TO COMP	₹O¥
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FY 2000	OTY
666	₹O\$
FY 199	OTV \$
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FY	OTY \$
1997	€O}
FY 1997	OTY
Y 1996	ŧv.
FY	OTV \$
Y 1995	·v)
FV	OTY

PROCUREMENT

Kit Quantity
Installation Kits
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

0.000

25-8

TOTAL	€ 03
TOT	OTY
COMP	₹ 0\$
TO COM	S XIO
FY 2000	₹O}
FY	QTY \$
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FY 1999	OTA
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FY 1998	OTX
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FY 1997	OTX
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FY 1996	OTY
L)	÷O÷
FY 199	OIX

INSTALLATION OF HARDWARE

(FY 1995) Eqpt (Kits) (FY 1996) Eqpt (Kits) (FY 1997) Eqpt (Kits) (FY 1998) Eqpt (Kits) (FY 1999) Eqpt (Kits) (FY 2000) Eqpt (Kits) (TO COMP) Eqpt (Kits)															000000	0.000 0.000 0.000 0.000 0.000	
TOTAL INSTALLATION COST	0	0.000	0	000.00	0	000.00	0	0 0.000	0	000.00	0	000.00	0	0.000	0	0.000	
TOTAL PROCUREMENT COST		000.0		0.000		7.078		0.000		0.000		0.000		0.000		7.078	
METHOD OF IMPLEMENTATION: Field Installed			ADMI	ADMIN LEAD-TIME:	WE:	3 MONTHS	NTHS			PRODU	CTIO.	PRODUCTION LEAD-TIME:	WE:	9 MONTHS	NTHS		

FY 1999 JAN 97 OCT 97 FY 1998 FY 1997 FY 1997 FY 1997 1 2 3 4 FY 1996 FY 1996 FY 1996 FY 1995 INSTALLING SCHEDULE: CONTRACT DATES: DELIVERY DATES:

OUTPUT

INPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

FY 2000

4.9 FY 2001 144028 RCN: 4.8 FY 2000 (DMS) 0 4.7 FY 1999 DEFENSE MESSAGE SYSTEM DATE 4.5 0 FY 1998 P-1 ITEM NOMENCLATURE: 4.4 0 FY 1997 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0.0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

Local accountable and reliable messaging service. Using the Defense Information System Network (DISN) Infrastructure/Global Grid for worldwide connectivity, DMS provides value-added X.400 Messaging and X.500 Directory services for DoD organizations and individuals. DMS will be interoperable across multiple vendor platforms and centrally managed by DISA. DMS will replace the current AUTODIN system and will be implemented through the use of Marine Corps acquired computer hardware and software. Local area networks and wide area networks (LANS/WANS) will distribute both organizational and individual electronic messages. The Defense Message System (DMS) consists of all hardware, software, procedures, and standards necessary to exchange nessages electronically between organizations and individuals in the DoD. The vision of DMS is to provide secure,

PAGE NO. P-1 SHOPPING LIST ITEM NO

52

EXHIBIT P-40

463400

D. DATE	QTY TOTAL COST	4,398	4398	EXHIBIT P-5
JRER NAME STATE L SYSTEMS	FY 1997 UNIT COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LORAL FEDERAL SYSTEMS	QTY TOTAL COST		0	
PULAR NAME S)	FY 1996 UNIT COST			
B. WEAPON MODEL/SERIES/POPULAR NAME DEFENSE MESSAGE SYSTEM (DMS) RCN: 144028	QTY TOTAL COST		0	ING LIST PAGE NO.
B. WEAPON MODEL/SERIES/POPU DEFENSE MESSAGE SYSTEM (DMS) RCN: 144028	FY 1995 UNIT COST			P-1 SHOPPING LIST ITEM NO. PAGE N
TON/BUDGET LE/NO: MARINE CORPS TY 4				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORI BUDGET ACTIVITY				
	IDENT. CODE			463400
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	DEFENSE MESSAGE SYSTEM Hardware/Software	TOTAL COST	BLI NR.

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	COCUREMENT	PROCUREMENT HISTORY & PLANNING	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	¥	4		P-1 ITEM N DEFENSE ME	P-1 ITEM NOMENCLATURE: DEFENSE MESSAGE SYSTEM	: M (DMS)			
CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF FIRST		UNIT	SPECS AVAIL	144028 SPEC REV	IF YES
SME	C/FFP	ITAC	JAN 97	FEB 97	VARIOUS	4,398,000	NOM KES	NO N	N/A
463400			P-1	TSHOPPING LIST	LST PAGE NO			EXHIBIT P-5A	T P-5A

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BUDGET ITEM		JUSTIFICATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:			P-1 ITEM NOMENCLATURE:	ICLATURE:			The state of the s
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	T ACTIVITY	4		TELE/COMM INFR	ASTRUCTURE TE	TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	E
					•	RCN:	RCN: 144088
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	C
COST (IN MILLIONS) \$	\$ 0.0	\$ 0.0	\$ 53.6 \$	22.6 \$	16.1	\$ 16.1	\$ 15.6

The overall objective is to achieve modernization and increase processing capacity, both of which are required to allow continued operation of existing automated information systems (AIS) and the implementation of new corporate information management (CIM) automated information systems to support all functional areas. The Marine Corps has a continuing need to upgrade its computer equipment and system software by replacement or augmentation in order to keep pace with user demands and changing technology. The Marine Corps ADP program is an aggregation of inter-related data processing disciplines. support all functional areas.

NETWORKING INFRASTRUCTURE

The Marine Corps ADP support is comprised of several components including small system computer equipment, proprietary system This support environment establishments by the Defense Mega-Center (DMC) in St. Louis, Missouri. This support structure emphasizes distributed computing capabilities in a client-server architecture. In addition, there is an ongoing requirement to maintain the Marine Corps For the foreseeable future, legacy system ADP support will be provided to the Fleet Marine Forces and supporting capabilities in a circul-server arountecture. In control of Marine Corps unique client-server applications. Types of enterprise network infrastructure to support DOD sponsored and Marine Corps unique client-server applications. Types of equipment purchased include routers for NIPRNET, SIPRNET, and DOD migration systems, high level security software (fire walls), and enterprise backup-restore software. This line was formerly identified as network management software tools, file servers, and enterprise backup-restore software. This line was formerly identisoftware products, the Marine Corps-wide Standard Network Operating System, and mainframe connectivity. technology.

FY 94-96 PROCUREMENT IN BLI 494200.

FUNDING PROFILE

FY95 FY96 FY97

0 0 16,925

PAGE NO. P-1 SHOPPING LIST ITEM NO. 53 463500 BLI NR.

EXHIBIT P-40

EXHIBIT P-40 Required equipment and support for the Marine Corps Tactical System Support Activity efforts on Life Cycle Software Support (LCSS) for tactical systems. Investment items are essential to form the basis of software support for the Marine Corps tactical data systems that are fielded. 144088 P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: DATE P-1 SHOPPING LIST
M NO. PAGE NO.
53 - 7 1,187 FY97 FUNDING PROFILE FY96 0 ITEM NO. FY95 0 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY TACTICAL SYSTEM SUPPORT EQUIPMENT FY 94-96 PROCUREMENT IN BLI 494200. 463500 BLI NR.

144088 This centrally managed program will replace outdaed ADP equipment. This program will buy a computer to run manpower math models in-house. Currently manpower pays teleprocessing fees to a vendor to operate these models. This program will also purchase compact disk read-only memory players that will transform documents from paper to electronic formats by providing read capability to the field TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: DATE P-1 SHOPPING LIST M NO. PAGE NO. P-1 ITEM NOMENCLATURE: 191 FY97 FUNDING PROFILE FY96 0 ITEM NO. FY95 0 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY MANPOWER AND RESERVE AFFAIRS ADP FY 94-96 PROCUREMENT IN BLI 494200. APPROPRIATION/BUDGET ACTIVITY: 463500 BLI NR.

BUDGET ITEM JUSTIFICATION SHEET	DATE
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4	P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088
4. ELECTRONIC DATA INTERCHANGE (BDI)	
"Implementation of EDI in DoD" calls for an aggressive prautomated exchange of electronic forms, instead of paper. The procedural bottlenecks corrected, and overhead costs reduced. necessary to transmit information electronically.	an aggressive program to implement EDI in the next five years. EDI is the sad of paper. Through EDI, the Marine Corps' basic business systems can be modernized, ad costs reduced. This initiative would cover the costs of the computer and software ally.
FY 94-96 PROCUREMENT IN BLI 494200.	
	FUNDING PROFILE
	FY95 FY96 FY97
	0 0 75
BLI NR. 463500	P-1 SHOPPING LIST EXHIBIT P-40 ITEM NO. PAGE NO.
	5 3 - C

EXHIBIT P-40 144088 Provides the Marine Corps the ability to process, store, and retrieve official military personnel files for all active and reserve Marines in an Optical Digital Imaging (ODI) format. The use of this advanced technology will reduce the current cost of maintaining these records, virtually eliminate their loss, and provide multiple users simultaneous access. An initial investment of \$5M in PMC (in addition to an increase of \$3M over the current O&MMC level of funding) in this ODI technology will save approximately \$46M in operating expenses over a 10-year life cycle. TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: P-1 SHOPPING LIST ITEM NO. PAGE NO. P-1 ITEM NOMENCLATURE: FY97 851 FUNDING PROFILE FY96 53 FY95 0 BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY OPTICAL DIGITAL IMAGING (ODI-RMS) FY 94-96 PROCUREMENT IN BLI 494200. APPROPRIATION/BUDGET ACTIVITY 463500

JRISS will automate all business processes associated with recruiting from high level mission planning at the headquarters to prospecting at the canvassing recruiter level. Some of the benefits include one-time data entry, forms generation, automated activity reporting, Delayed Entry Program (DEP) tracking, enlistment criteria expert system, electronic distribution of leads, and electronic interface with MEPS, other services, and relevant outside agencies. JRISS will be a joint system with all services sharing standardized data definitions in a distributed database. JRISS service specific front-end user interfaces will support the unique recruiting practices of each armed service. EXHIBIT P-40 144088 P-1 ITEM NOMENCLATURE:
TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: DATE P-1 SHOPPING LIST NO. PAGE NO. 8,627 **FY97** FUNDING PROFILE FY96 0 ITEM NO. 53 **FX95** 0 BUDGET ITEM JUSTIFICATION SHEET JOINT RECRUITING INFORMATION SUPPORT SYSTEMS (JRISS) APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 94-96 PROCUREMENT IN BLI 494200. 463500 BLI

EXHIBIT P-40 144088 ATLASS involves the migration of Marine Corps intermediate and consumer level supply and maintenance systems in a personal computer application, in a networked client-server environment, using a Graphical User Interface (GUI) and a shared database. This system will dramatically improve access to supply and maintenance functions at all levels, and fill critical operational requirements for a deployable, integrated supply and maintenance system. P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: RCN: DATE P-1 SHOPPING LIST I NO. PAGE NO. 5,368 FY97 FUNDING PROFILE FY96 0 ITEM NO. 53 FY95 0 BUDGET ITEM JUSTIFICATION SHEET ASSET TRACKING LOGISTICS AND SUPPLY SYSTEM (ATLASS) APPROPRIATION/BUDGET ACTIVITY:
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 463500 BLI NR.

EXHIBIT P-40 144088 Provides funding to upgrade and replace telephone systems at Marine Corps bases and stations. Upgrading is accomplished to maintain the software level required for vendor support, expand the system, and to add new capability such as voice mail, automated attendant, and data switching. Replacement is accomplished when telephone switches are technologically obsolete, are no longer logistically supportable, or are not capable of being expanded to meet requirements. P-1 ITEM NOMENCLATURE:
TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: P-1 SHOPPING LIST I NO. PAGE NO. 9,372 FY97 FUNDING PROFILE FY96 0 ITEM NO. FY95 0 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 94-96 PROCUREMENT IN BLI 644400. TELEPHONE SWITCHING SYSTEM 463500 BLI NR.

53

Provides funding to acquire and install the systems which are used to transport voice, data, images, and video aboard Marine Corps bases and stations. Transmission systems also provide the capability to access worldwide DISN networks including the Nonsecure Internet Protocol Network (NIPRNET), Defense Switched Network (DSN), Joint Warfighter Intelligence Communications System (JWICS), Defense Message System (DMS), Global Command and Control System (GCCS), and tactical systems in support of the Fleet Marine Forces. Equipment includes fiber optic systems, copper cables, and multiplexors including Synchronous Optical Network (SONET) technology and Asynchronous Transfer Mode (ATM) switches. EXHIBIT P-40 144088 P-1 ITEM NOMENCLATURE: TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: DATE LIST PAGE NO. 11,020 FY97 P-1 SHOPPING ITEM NO. FUNDING PROFILE FY96 0 53 FY95 0 BUDGET ITEM JUSTIFICATION SHEET APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 94-96 PROCUREMENT IN BLI 644400. 463500 TRANSMISSION SYSTEMS BLI NR.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE COR: BUDGET ACTIVITY 4	83	B. WEAPON MO TELE/COMM INF SUPPORT	B. WEAPON MODEL/SERIES/POPULAR NAME TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT RCN: 144088	ULAR NAME	C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	RER NAME	D. DATE
WEAPON SYSTEM COST ELEMENTS	IDENT.	UNIT COST	QTY TOTAL COST	FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997 UNIT COST	QTY TOTAL COST
NETWORKING INFRASTRUCTURE									16925
TACTICAL SYSTEMS SUPPORT									1187
Mara adp									191
EDI									75
ODI-RMS									851
JRISS									8627
ATLASS									5368
TELEPHONE SWITCHING SYSTEM									9372
TRANSMISSION SYSTEM									9
									07077
			vals vi						
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TOTAI. COST					c				
N.T.IR	463500			mort curacing t d	O THE TAKE				53616
·w THO	00000	- I		ITEM NO.	PAGE NO.				EXHIBIT P-5
				53	2				
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	Б	PROCUREMENT HISTORY	ત્ર	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NC	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVI	ľ¥	4		TELE/COMM 1	INFRASTRUCTU	TELE/COMM INFRASTRUCTURE TECHNOLOGY SUPPORT	GY SUPP	ORT 144088	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT		SPEC REV RORD	IF YES WHEN AVAIL
1. NETWORKING INFRASTRUCTURE FY97	STRUCTURE UNKNOWN	C/FFP	SYSCOM	JAN 97	MAR 97	VARIOUS	16,925,000*YES	YES	NO	N/A
2. TACTICAL SYSTEM SUPPORT EQUIPMENT FY 97	SUPPORT EQUIPMENT UNKNOWN	C/FFP	MCBCAMPEN	JAN 97	APR 97	VARIOUS	1,187,000*YES		NO	N/A
3. M&RA ADP FY 97	UNKNOMN	C/FFP	LBC	JAN 97	MAY 97	VARIOUS	191,000*YES		NO	N/A
4. EDI FY 97	UNKNOWN	C/FFP	LBC	JAN 97	MAR 97	VARIOUS	75,000*YES	YES	NO	N/A
5. ODI-RMS FY 97	UNKNOWN	C/FFP	LBC	JAN 97	MAR 97	VARIOUS	851,000*YES	YES	NO	N/A
6. JRISS FY 97	UNKNOWN	C/FFP	ARMY	JAN 97	APR 97	VARIOUS	8,627,000*YES		NO	N/A
7. ATLASS FY 97	UNKNOWN	C/FFP	LBC	JAN 97	APR 97	VARIOUS	5,368,000*XES	YES	NO	N/A
8. TELEPHONE SWITCHING SYSTEMS FY 97 CAMP LEJEUNE (RPL) GTE, CHANT 29 PALMS (UPGRD) UNKNOWN	TLLY,	VA C/FFP C/FFP	ARMY/MTMP USMC	JAN 97 JAN 97	APR 97 MAR 97	ਜਜ	9,014,000 358,000	YES	NO NO	N/A N/A
9. TRANSMISSION SYSTEMS FY 97 CAMP LEJEUNE GTE 29 PALMS	, CHANTILLY,	VA C/FFP VA C/FFP	ARMY/MTMP ARMY/MTMP	JAN 97 JAN 97	MAR 97 MAR 97	н	10,854,000 166,000	YES	NO NO NO	N/A N/A
REMARKS:										

PAGE NO. P-1 SHOPPING LIST ITEM NO. PAG

* Various items are purchased for these programs. Unit cost represents total cost for the program.

463500

BLI NR.

EXHIBIT P-5A

53

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10.5 EXHIBIT P-40 FY 2001 147239 will incorporate selected automation and existing hardware from the AN/TSQ-155(V), Improved Direct Air Support Central (IDASC), Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies noted after new items are fielded or to increase operational capabilities of non-telecommunications end items previously fielded. The Direct Air Support Central (DASC) Product Improvement Program (PIP) is a non-developmental effort which COMSEC cables will interface with various communications Reporting System (PLRS), Advanced Field Artillery Tactical Data System (AFATDS), and Tactical Combat Operations (TCO). The COMSEC Cable line is in support of various security systems being fielded including the KY-99 MINTERM, the Electronic interfaces to the Digital Communications Terminal (DCT), Advanced Tactical Air Command Central (ATACC), Position Location 5.8 RCN: This funding profile includes radar modifications which improve mean time between failure rates and enhance performance Improved capabilities include automated FY 2000 MODIFICATION KITS (MAGTF C41) 7.4 FY 1999 devices to include radios, switches, and computers and will provide secure transmissions at all times. DATE 2.1 c PAGE NO. FY 1998 99 P-1 SHOPPING LIST P-1 ITEM NOMENCLATURE: SEP SEP BEGIN OCT 95/END BEGIN SEP 98/END BEGIN OCT 93/END and the OE-334 Antenna Coupler Group into lightweight, highly mobile shelters. 43.4 0 INSTALLATION FY 1997 ITEM NO 54 Key Management System, the Data Transfer Device, and the STU-III. ŧ⁄} 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 INSTALLATION AGENT 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FIELD FIELD FIELD APPROPRIATION/BUDGET ACTIVITY: 463600 AN/TPS-59 RADAR MOD (97) COST (IN MILLIONS) characteristics. BLI NR IDASC PIP IDASC PIP QUANTITY

BUDGET ITEM JUSTIFICATION SHEET	T DATE	
APPROPRIATION/BUDGET ACTIVITY:	P-1 ITEM NOMENCLATURE:	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	MODIFICATION KITS (MAGTF C41)	TANDO
MODELS OF SYSTEMS AFFECTED: MODIFICATION	MODIFICATION KITS (MAGTF C41)	
MODIFICATION TITLE	(\$ IN MILLIONS) FY 1997	
AN/TPS-59 - TACTICAL BALLISTIC MISSILE DEFENSE COMSEC CABLES DASC MOD	FENSE 38.774 0.553 4.091	
	TOTAL \$ 43.418	
1 1 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
BLI NK. 403000	P-1 SHOPPING LIST ITEM NO. PAGE NO.	EXHIBIT P-40
	54 - 2	

Support ant Training ant Training SEC CABLES SEC CABLES TOTAL COST	NEAPON SYSTEM COST
	Contractor Support Travel New Equipment Training SUBTOTAL COMSEC CABLES

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ANALYSIS EXHIBIT (P-5)		A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4	B. WEAFON EN MODIFICATION	b. WEAFON MODEL/SERLES/FOPULAR NAME MODIFICATION KITS (MAGTF C41) RCN: 147239	PULAR NAME	C. MANUFACTUEER NAME PLANT CITY/STATE LOCATION VARIOUS	URER NAME STATE	D. DATE	E E
WEAPON SYSTEM COST ELEMENTS	IDENT. CODE		FY 1995 UNIT COST	QTY TOTAL COST	FY 1996 UNIT COST	QTY TOTAL COST	FY 1997	NO TO TO	QTY MOUNT COSM
DASC (OPS SHELTER) Downsizing PIP							224,227	10	2242
DASC AUTOMATION PIP							139,727	12	1677
SUPPORT COSTS: Hardware Engineering									62
Tests Tech Data		es de Origina.							15 22 8
Factory Training Software Engineering									35
SUBTOTAL DASC									4091
		- T-							
Initial Spares									(88)
Active Component Reserve Component				***************************************				(1)	(32748)
TOTAL COST						•			
BLI NR.	463600		P-1 SHOPPING LIST					EXHIBIT P-5	43418 IT P-5
			ITEM NO.	PAGE NO.					

		H	Įį.							
	Id	PROCUREMENT. A	HISTORY & PLA	& PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVIT	Λ_{i}	4			MODIFICATION KITS		(MAGTF C4I)		
								RCN:	147239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	АЩО	TIND	SPECS	SPEC REV	IF YES WHEN
AN/TPS-59 TMD KITS FY 97	MM CORP SYRACUSE, NY	FFP	SYSCOM	FEB 97	SEP 98	7	4,788,898	YES	NO	N/A
PRODUCTION UPGRADE KITS	MM CORP SYRACUSE, NY	FFP	SYSCOM	FEB 97	SEP 98	8	1,231,238	YES	NO	N/A
DASC (OPS SHELTER) FY 97	NSWC CRANE, IN	C/FFPO	NSWC CRANE	96 IDO	FEB 97	10	224,227	YES	NO	N/A
DASC AUTOMATION FY 97	NSWC CRANE, IN	C/FFPO	SYSCOM	96 TOO	JAN 97	12	139,727	YES	NO	N/A
COMSEC CABLES FY 97	TRACOR CHESAPEAKE, VA	MIPR	NISE EAST	MAR 97	JAN 98	VARIOUS	553,000*	YES	NO	N/A
REMARKS:	*DASC: Unit cost includes downsized COMSEC CABLES: Unit cost represents are being purchased on one contract.	Unit cost includes downsized CABLES: Unit cost represents ag purchased on one contract.		ers, rapid dollar am	assembly te ount. Five	ents, cables different c	shelters, rapid assembly tents, cables, and integration total dollar amount. Five different cables and various		costs. quantities	l es

P-1 SHOPPING LIST
PAGE NO.

ITEM NO.

463600

BLI NR.

EXHIBIT P-5A

P-1 ITEM NOMENCLATURE: MAGTE C41 TPS-59 RADAR RCN: 147239 SCHEDULE DATE RCN: 147239 SCHEDULE DATE LAST REPORTED REASON FOR LAST REPORTED LAST REPORTED REASON FOR LAST REPORTED LAS		"CODE B" ITEM DESCRIPTION	DESCRIPTION			DATE			
CURRENT NATURE CORFE/BUIGGE ACTIVITY 4 NODITICATION KITS THACTE CITY TES-59 BADD REPORTED NOTICAL NATURE CORFES NATION FOR SCHEDULE DATE NOTICAL NATURE SCHEDULE DATE SCHEDU	APPROPRIATION/BUDGET ACTIVITY:			1	MENCLATURE:				
The Red Lines Evolution Feb 5 Current Feb 5 Current Feb 5 Current Feb 5 Feb	PROCUREMENT, MARINE CORPS/BUDG	SET ACTIVITY	4		MODIFICATION KIT		RAL	 Z	
The transference Particle P		TEST STATUS				11			
Pear 100 Pear 100 Pear 100					CURRENT	LAST			R DELAY
Promail Qualification Test			Plan/Actual	9					
Pigatical Punctional Configuration Audit Plan/Actual Jan 95 Dec 95		11	Plan/Actual						
ESTIMATED DATE of APPROVAL FOR SERVICE USE. Sep 96		iguration Audit	Plan/Actual						
EXTENTED DATE OF APPROVAL FOR SERVICE USE:		Test	Plan/Actual						
EQUIPMENT TIEM(S) TO BE REPLACED: EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: INCREASED RECEIVER SENSITIVITY REDUCED TRANSPORTATION REQUIREMENTS CONTRACTOR NAME PLANT LOCATION CONTRACTOR NAME PLANT LOCATION CONTRACTOR NAME PLANT LOCATION CONTRACTOR NAME PLANT LOCATION CONTRACTOR NAME PROCESS. NY S S S S S S S S S S S S S S S S S S S			Plan/Actual						
EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: INCREASED RECEIVER SENSITIVITY IMPROVED TRANSPORTATION REQUIREMENTS REDUCED TRANSPORTATION REQUIREMENTS REQUEST REQUIREMENTS REQUIREMENTS REQUEST REQUIREMENTS REQUEST REQUIREMENTS REQUEST REQUEST REQUEST REV	ESTIMATED DATE OF	FOR SERVICE USE:		10					
The color of the component over equipment item(s) to be replaced: Increased receiver sensitivity Improvement of the color of the component of the compone									
DEVELOPMENT CONTRACT INFORMATION REDIGE Funding Profile - \$ in Millions PREDUCED TRANSPORTATION REQUIREMENTS PREDUCED TRANSPORTATION REQUIREMENTS PREDUCED TRANSPORTATION REQUIREMENTS PROGRAM SUPPORT STRANCTOR NAME STRANCTOR NAM					INCREASED RECE	IVER SENSITIVITY			
DEVELOPMENT CONTRACT INFORMATION (RDT&E Funding Profile - \$ in Millions) CONTRACTOR NAME PLANT LOCATION COMPONENT THROUGH PY (FY1994) CY (FY1995) BY (FY1996) S ARTIN MARIETTA SYRACUSE, NY \$ 10.4 \$ \$ 0.5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					REDUCED TRANSPO	SILLIII ORTATION REQUIREM	Tents		
SUPPORT PLANT LOCATION COMPONENT THROUGH PY (FY1995) BY (FY1996) STRACUSE, NY STRACU	DEVELOPMENT CONTRACT	WATION		Profi1	- 11				
MARIETTA SYRACUSE, NY \$ 10.4 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ <td>CONTRACTOR NAME</td> <td>PLANT LOCATION</td> <td>COMPON</td> <td>ENT</td> <td>PHROUGH PY</td> <td>CY</td> <td></td> <td>BEYOND</td> <td></td>	CONTRACTOR NAME	PLANT LOCATION	COMPON	ENT	PHROUGH PY	CY		BEYOND	
SUPPORT QUANTICO, VA \$ 0.1 \$ 0.5 \$ \$	MARTIN MARIETTA				10	1	**		
S S S S S S S S S S	PROGRAM SUPPORT	IJ			₹	0.	0.	1	0.5
S					*\$	ŧs.	₹S-	w	
FAL RDT&E FUNDING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					*	÷A-	₹Ø-	৵	
State Funding					₩	1/2	₩.	1/2	
R&D EFFORT FUNDED PRIMARILY BY BALLISTIC MISSILE DEFENSE OFFICE. BLI NR. 463600 TTEM NO. PAGE NO. PAGE NO.	TOTAL RDT&E FUNDING				10	·Vr			4.1
463600 P-1 SHOPPING LIST ITEM NO. PAGE NO.			BALLISTIC MISSI						
463600 P-1 SHOPPING LIST ITEM NO. PAGE NO.									
				H	SHOPPING LIST			EXHIB	T P-19
				ITEM NO.	PAGE NO.	•			
				54	_				

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: AN/TPS-59

AN/TPS-59 ECPs/TMD UPGRADE

MODELS OF SYSTEMS AFFECTED:

AN/TPS-59 RADAR SYSTEM

DESCRIPTION/JUSTIFICATION:

This modification is to correct deficiencies identified by the fleet and procure minor improvements to the AN/TPS-59 radar set.

> DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

The ECPs have been submitted and approved. TMD Upgrade has CDR scheduled for 3rd Qtr FY 94, DT/OT for 2nd Qtr FY 96, and Milestone III Decision for 4th Qtr FY 96.

FINANCIAL PLAN: (\$ in Millions)

TOTAL	₹O∳		
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FY 2000	***		
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7Y 1999	₹ 0\$		
FY	S XIO		
FY 1998	* 23		
FY	OTY \$		
Y 1997	es)		
FY	S XIO		
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FY	OIX		
FY 1995	₹O\$		
FY	OTY		

RICCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

	53.736	0.000	0.000	000.0	0.000	3.738	0.000	0.000	0.710	0.000
42										
	9.351									
11										
	3,953					0.500			960.0	
11										
	4.448									
11										
						0.798			0.264	
6	35.984					2.440			0.350	

EXHIBIT P-3A INDIVIDUAL MODIFICATION

1995) Eqpt (c	0000	
(FY 1996) Eqpt (Kits)											0	0.000	
gapt (· c	0000	
(FY 1998) Eqpt (Kits)											· c	000	
dopt (· c	0.00	
Squet (0	0.00	
Sapt (0	0.000	
TOTAL INSTALLATION COST	0 0.000	000.00	000.00		000.00	000.00		000.00	0	0.000	0	0.000	
TOTAL PROCUREMENT COST	0.000	0.000	38.774	74	1.062	4.448	8	4.549		9.351	0	0 58.184	
METHOD OF IMPLEMENTATION: Field Install	ADMIN LEAD-TIME: 4 MONTHS	4 MONTHS	щ	RODUCT:	PRODUCTION LEAD-TIME: 19 MONTHS	IME:	MOM 6	HS					

CONTRACT DATES:

SEP 98 FEB 97 FY 1997 FY 1997_ FY 1996 FY 1996_

FY 1999 FY 1998 EY 1997 FY 1996 FY 1995

FY 2000

INSTALLING SCHEDULE: INPUT

DELIVERY DATES:

OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

INDIVIDUAL MODIFICATION

MODIFICATION TITLE: COMSEC Cables

MODELS OF SYSTEMS AFFECTED:

EKMS, DTD, STU III, KY-68, KY-99

DESCRIPTION/JUSTIFICATION:

Cables procured will interface the above listed systems with various transmission systems, to include MRC-138, GRC-193, AAVC7, and LAV-AD.

DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES: FINANCIAL PLAN: (\$ in Millions)

TOTAL	* 03
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7Y 2000	vol
F	QTY \$
666	so)
FY 199	OTY
Y 1998	sol.
FY	OTY
X 1997	sol.
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2X 1996	·oį
FY	OTY
Y 1995	€O }
FY	OTY

PROCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment Nonrecurring
Engineering Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

	26415	4.583	0.000	0.233	0.000	0.219	000.0	0.000	0.000	0.000
	٥	1.100		0.044		0.017				
	5870	1.040		0.067		0.034				
1	5870	>								
		1.000		0.043		0.053				
0	0/89	>								
		0.965		100.0		0.062				
0	0/89	•								
		0.478	0	770.0		0.053				
	28.42	>								

EXHIBIT P-3A INDIVIDUAL MODIFICATION

5-1-5

TOTAL	OTTY S
TO COMP	OTY S
FY 2000	OTY S
FY 1999	OTY &
FY 1998	S XIO
FY 1997	S XIO
FY 1996	S XIO
FY 1995	OTY S

ALLATION OF H		
ALLATION	3	
\S1	NOTI WITH TO	

		0 1.096 0 1.141 0 1.161 0 5.035	: 10 MONTHS			FY 2000 TOTAL 1 2 3 4 1 2 3 4	
		0.553 0 1.084 (PRODUCTION LEAD-TIME:	FY 1997 MAR 97	FY 1997 JAN 98	997 FY 1998 FY 1999	
			ADMIN LEAD-TIME: 5 MONTHS	FY 1996	FY 1996	EX 1995 FY 1996 FY 1997	
(FY 1995) Bqpt (Kits) (FY 1996) Bqpt (Kits) (FY 1997) Bqpt (Kits) (FY 1999) Eqpt (Kits) (FY 1999) Eqpt (Kits) (FY 2000) Eqpt (Kits) (TO COMP) Eqpt (Kits)	TOTAL INSTALLATION COST	TOTAL PROCUREMENT COST	METHOD OF IMPLEMENTATION: Field Installed	CONTRACT DATES:	DELIVERY DATES:	INSTALLING SCHEDULE; INPUT	OUTPUT

EXHIBIT P-3A INDIVIDUAL MODIFICATION

27-12

INDIVIDUAL MODIFICATION

DIRECT AIR SUPPORT CENTRAL (DASC) PRODUCT IMPROVEMENT PROGRAM (PIP) MODIFICATION TITLE:

MODELS OF SYSTEMS AFFECTED:

AN/TSQ-155V IMPROVED DASC (IDASC) OE-334 ANTENNA COUPLER GROUP

DESCRIPTION/JUSTIFICATION:

Equipment procured under this effort will be modular and allow the system to be task Group shelters or external to the DASC operations shelters. Improved capabilities organized and operated in the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

> DEVELOPMENTAL STATUS/ MAJOR DEVELOPMENT MILESTONES:

Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and Naval Surface Warfare Center, Crane, Indiana.

FINANCIAL PLAN: (\$ in Millions)

COTAL	S
21	VTO
TO COMP	€O.
2	OTY
0000	CO
FY 200	OTV S
666	·s
FY 1999	OTY
Y 1998	sol.
FY	OTY S
Y 1997	sol sol
FY	OTY
V 1996	į,
FY	OTY
Y 1995	sol los
FY 1	OTV

REOCUREMENT

Kit Quantity
Installation Kits
Install. Kits Nonrecurring
Equipment
Equipment
Equipment Change Orders
Data
Training Support
Support Equipment
Other
Interim Contractor Support

22	0.000	0.000	3.919	0.000	0.008	0.035	00000	0.129
22			3.919		0.008	0.035		0.129

EXHIBIT P-3A INDIVIDUAL MODIFICATION

TOTAL	so)		0.000	0.000	0.000	0.000	0.000	0.000	0.000
SI	OTX		0	0	0	0	0	0	0
TO COMP	40								
	O								
2000	S YTO								
FY	OTY								
6	v)								
FY 1999	OTY								
8	soi.								
FY 1998									
	¢O)								
FY 1997	OTA								
9	€O\$								
FY 1996	OTY S								
ια	sol.								
FY 1995	OTY								

INSTALLATION OF HARDWARE

000.00 0.000 TOTAL 4 MONTHS FY 2000 000.00 0.000 PRODUCTION LEAD-TIME: FY 1999 000.00 0.000 96 TOO FEB 97 FY 1997 0.000 4.091 FY 1997 FY 1998 0 FY 1997 000.00 0.000 MONTHS ADMIN LEAD-TIME: FY 1996 FY 1996 FY 1996 000.00 0.000 FY 1995 METHOD OF IMPLEMENTATION: Field Install Kits) Kits) Kits) Kits) Kits) Kits) Kits) TOTAL PROCUREMENT COST (FY 1995) Egpt (FY 1996) Egpt (FY 1997) Egpt (FY 1998) Egpt (FY 2000) Egpt (FY 2000) Egpt (TO COMP) Egpt (TO COMP) Egpt (TO COMP) TOTAL INSTALLATION COST INSTALLING SCHEDULE: CONTRACT DATES: DELIVERY DATES: OUTPUT INPUT

0.000

0

0.000

0

4.091

0

0.000

EXHIBIT P-3A INDIVIDUAL MODIFICATION

21-15

0.3 FY 2001 949509 ŧ/} FY 2000 ITEMS LESS THAN \$2 MILLION (MAGTF C41) FY 1999 3 DATE **1**/2 FY 1998 P-1 ITEM NOMENCLATURE: FY 1997 BUDGET ITEM JUSTIFICATION SHEET FY 1996 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY £/} APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) *PUANTITY*

This is a roll-up line which at various times contains many different and unrelated items of equipment for which the annual procurement is less than \$2 Million each. The funds included in this budget line allow procurement of the following items:

* Joint Communications Support Element (JCSE) equipment modernization. This effort funds the Marine Corps share of efforts to keep the JCSE equipped with the latest state-of-the-art equipment to accomplish its Joint Staff Mission.

All of these items are Code A.

463700 BLI NR.

P-1 SHOPPING LIST M NO. PAGE NO. ITEM NO.

EXHIBIT P-40

D. DATE	QTY TOTAL COST	301	301	EXHIBIT P-5
JRER NAME STATE VARIOUS	FY 1997 UNIT COST	VARIOUS		
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST			
(MAGTF C4I)	FY 1996 UNIT COST			
DEL/SERIES/POI AN \$2 MILLION	QTY TOTAL COST			P-1 SHOPPING LIST EM NO. PAGE NO. 55
B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (MAGTF C41)	FY 1995 UNIT COST			P-1 SHOP ITEM NO. 55
88				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4				
	IDENT.	A.		463700
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	JCSE Modernization		TOTAL COST BLI NR.

		PROCUREMENT HISTORY & PLANNING	IISTORY & PL	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	APPROPRIATION/BUDGET ACTIVITY:	À.	•		P-1 ITEM NO	ITEM NOMENCLATURE:		1		
EMENT, MAKINE	CORFS/BUDGET ACTIVE		4		LIEMS LESS	THAN \$2 MIL	ITEMS LESS THAN \$2 MILLION (MAGTE C41) RCN		949509	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT			IF YES WHEN AVAIL
MODERNIZATION	VARIOUS	VARIOUS	USMC	VARIOUS	VARIOUS	VARIOUS	301	YES	N/A	N/A
REMARKS: BLI NR.	Unit cost refle Many different 463700	cts total cost in thousan	in thousand	s. P-1 ITEM NO.	1 SHOPPING LIST	IST PAGE NO.			EXHIBIT P-5A	7 P-5A

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0.0 This funding profile includes TOW sight modifications to bring various configurations of the UAS-12 series of sights into a single configuration and to provide countermeasure protection to the gunners and equipment. COST (IN MILLIONS) |\$ 0.0 |\$ 0.0 |\$ 0.0 |\$ 4.1 |\$ 2.6 |\$ 0.0 |\$ 0.0 |\$ 0.0 |\$ 0.0 |\$ 0.0 Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies or to increase the operational capabilities of previously fielded end items. FY 2001 147239 RCN: FY 2000 0 MODIFICATION KITS (OTHER) FY 1999 DATE 0 PAGE NO. FY 1998 BEGIN OCT 97/END MAR 99 P-1 ITEM NOMENCLATURE: P-1 SHOPPING LIST ITEM NO. PAGE INSTALLATION 0 FY 1997 26 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 4 INSTALLATION AGENT DEPOT 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: 463800 TOW NIGHT SIGHT MOD (97) COST (IN MILLIONS) BLI NR. MOD TITLE QUANTITY

	BUDGET ITEM JUSTIFICATION SHEET	חארו	
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:	
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	DGET ACTIVITY 4	MODIFICATION KITS (OTHER) RCN:	147239
MODELS OF SYSTEMS AFFECTED:	AN/UAS-12A, AN/UAS-12C, AND AN/UAS-12D NIGHT VISION EQUIPMENT SETS		
	(\$ IN MILIONS)		
MODIFICATION TITLE	FY 1997		
TOW SIGHT MODS	\$4.053		
BLI NR. 463800		P-1 SHOPPING LIST	EXHIBIT P-40
		TTEM NO. PAGE NO.	

D. DATE	QTY TOTAL COST	986	3067	4053	EXHIBIT P-5
ū.	- P	326	132		EXI
TRER NAME	FY 1997 UNIT COST	3025	23235		
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST			0	
PULAR NAME	FY 1996 UNIT COST				
B. WEAPON MODEL/SERIES/POPULAR NAME HODIFICATION KITS (OTHER) RCN: 147239	QTY TOTAL COST			0	i
B. WEAPON MODEL/SERIES/P MODIFICATION KITS (OTHER) RCN: 147239	FY 1995 UNIT COST				P-1 SHOPPING LIST ITEM NO. PAGE N 56 - 7
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4					
	IDENT. CODE	Ą	4		463800
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	TOW SIGHT MOD PROGRAM Operator Selectable Filter Switch (OSF)	Optical Improvement/ Operator Selectable Filter Kit (OI/OSF)	TOTAL COST	BLI NR.

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	P	PROCUREMENT HISTORY		& PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	CORPS/BUDGET ACTIVIT	ľ¥	4	1	MODIFICATIO	MODIFICATION KITS (OTHER)	ER)	RCN:	147239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED BY	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
TOW SIGHT MOD OPERATOR SELECTABLE FILTER SWITCH (OSF) FY 97	UNKNOWN	C/FFP	MICOM	DEC 96	DEC 97	326	3,025	YES	NO	NA
OPTICAL IMPROVEMENT/ OPERATOR SELECTABLE FILTER KIT (OI/OSF) FY 97	UNKNOMN	C/FFP	MICOM	DEC 96	DEC 97	132	23,235	YES	NO	NA
remarks:	Program consists of two types of mod kits: the OSF kit installs a filter wheel to defeat countermeasure threat and the OI/OSF mod kit provides improved mirrors, prisms, lenses, and detectors as well as the OSF mod to provide more accurate observation and target tracking.	f two types ure threat a ors as well	of mod kits and the OI/O as the OSF A	s: the OSF OSF mod kit mod to prov	s of two types of mod kits: the OSF kit installs a filter wheel to leasure threat and the OI/OSF mod kit provides improved mirrors, prisms ectors as well as the OSF mod to provide more accurate observation and	a filter wi proved mirro curate obser	neel to ors, prisms vation and			
BLI NR.	463800			P-1 ITEM NO.	P-1 SHOPPING LIST PA	IST PAGE NO.			ЕХНІВ	EXHIBIT P-5A
				٥٥	1	5-				

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

TOW SIGHT MODIFICATIONS FOR THE UAS-12 SERIES OF SIGHTS

MODELS OF SYSTEMS AFFECTED:

AN/UAS-12A, AN/UAS-12C, AND AN/UAS-12D NIGHT VISION EQUIPMENT SETS

DESCRIPTION/JUSTIFICATION:

ORIGINAL SIGHTS INTO THE MOST CURRENT CONFIGURATION WITH IMPROVED MIRRORS, PRISMS, LENSES, AND DETECTORS, WITH NEW PRODUCTION SIGHTS. THE PROGRAM CONSISTS OF TWO MOD KITS: THE OPERATOR SELECTABLE FILTER (OSF) KIT AND THE OPTICAL IMPROVEMENT/OPERATOR SELECTABLE FILTER (OI/OSF) KIT. THE OSF KIT PROVIDES COUNTER-THIS MODIFICATION PROGRAM BRINGS EXISTING NIGHT SIGHTS INTO A SINGLE CONFIGURATION WHICH IS COMPATIBLE MEASURE PROTECTION BY MEANS OF A FILTER WHEEL AND MULTIPLE FILTERS. THE OI/OSF KIT UPGRADES THE AS WELL AS THE OSF MOD.

DEVELOPMENTAL STATUS/

MAJOR DEVELOPMENT MILESTONES:

N/A

FINANCIAL PLAN: (\$ in Millions)

TOTAL OTY TO COMP S OTY FY 2000 FY 1999 ķ OTY FY 1998 OTV FY 1997 OTY FY 1996 FY 1995 OIX

PROCUREMENT

Install. Kits Nonrecurring Equipment Nonrecurring Installation Kits Kit Quantity Equipment

Engineering Change Orders Training Support

Interim Contractor Support Support Equipment

458

0.000 0.000 0.000 0.000 0.000 0.000 0.000 458

EXHIBIT P-3A INDIVIDUAL MODIFICATION

	FY 1995	FY 1996	FY 1997	FY 1996 FY 1997 FY 1998	FY 1999	FY 2000	TO COMP		TOTAL
	S ZZO	OTY S	S XIO	OTY S	S XIO	OTY \$	QTX \$	OTY	₹/Aj
INSTALLATION OF HARDWARE									
(20 1 000 1 1 mm)									
(FI 1933) EUDI (MILS)								0	0.000
(Fi 1996) Eqpt (Kits)								0	0.000
(FY 1997) Eqpt (458 Kits)				458 2.638				458	2 630
(FY 1998) Eqpt (Kits)								,	000
(FY 1999) Eqpt (Kits)									000.0
(FV 2000) Font (Vite)								>	0.000
(STEEL COOR STEEL COOR								0	0.000
(TO COMP) Eqpt (Kits)								0	0.000

PRODUCTION LEAD-TIME: 2 MONTHS ADMIN LEAD-TIME: METHOD OF IMPLEMENTATION DEPOT INSTALLED

2.638

0 0.000 458

000.00

000.00

0 0.000 458 2.638

000.00

000.00

6.691

0.000

0.000

0.000

2.638

4.053

0.000

0.000

TOTAL PROCUREMENT COST

CONTRACT DATES:

DELIVERY DATES:

TOTAL INSTALLATION COST

12 MONTHS

FY 1996 FY 1997 DEC 96 FY 1997 DEC 97

FY 1996

FY 1995

INSTALLING SCHEDULE:

OUTPUT

INPUT

EY 1997 FY 1998

TOTAL

FY 2000

FY 1999

EXHIBIT P-3A INDIVIDUAL MODIFICATION

3.0 FY 2001 3.1 RCN: FY 2000 ITEMS LESS THAN \$2 MILLION (OTHER) 2.6 0 FY 1999 DATE 2.8 0 1998 P-1 ITEM NOMENCLATURE: 2.6 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 0.0 0 1996 FY 0.0 0 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

\$2 million each. These items are required to support the telecommunications mission area and to support the General Purpose Electronic Test Equipment (GPETE), Special Purpose Test Equipment (SPTE), General Purpose Mechanical Test Equipment (GPMTE), and infantry weapons gauges used to maintain Marine Corps weapons systems. These items are required to support the telecommunications mission area and to support the General Purpose This is a roll-up line which contains many different items of equipment for which the annual procurement is less than

The funds included in this budget line procure the following items:

- Power supply equipment which provides direct current (DC) voltage from an alternating voltage (AC) power source. This enables communication equipment to operate without using batteries. It also provides DC voltage to aid in the maintenance of electronic equipment
 - Tools, sets, kits, and chests (TSK&C) include general purpose tools and support items used for the installation, operation, and maintenance of communication equipment.
 - Electronic Test, Measurement, and Diagnostic Equipment (TMDE) Repair Facility. Test, Calibration, and Maintenance support.

All of these items are Code A

463900 KK

PAGE NO. P-1 SHOPPING LIST ITEM NO

57

EXHIBIT P-40

D. DATE	QTY TOTAL COST	1001	299	341	93 8	2577	EXHIBIT P-5
RER NAME TATE	FY 1997 UNIT COST	Various	Various	Various	Various		
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST					0	
PULAR NAME N (OTHER)	FY 1996 UNIT COST						
B. WEAPON MODEL/SERIES/POPULAR NAME ITEMS LESS THAN \$2 MILLION (OTHER) (RCN)	QTY TOTAL COST					0	ō
L. WEAPON MO	FY 1995 UNIT COST				·		P-1 SHOPPING LIST
A. AFFROFRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4							
	IDENT. CODE	444	æ	æ	4		463900
WEAFON SISTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	Power Supply 0-30 Volt 24-30 Volt 20-80 Volt Logistics Supply Testing, Tech Data, Manuals, Training (RCN 040288)	Tools Sets, Kits, Chests (TSK&C) (RCN 040958)	Electronic Test, Measurement, and Diagnostic Equipment Repair Facility (RCN 140247)	Test, Calibration, and Maintenance Support (RCN 145879)	TOTAL COST	BLI NR.

PROCHEATION BUNCET ACTIVITY: PROCHEACT ARRING CONFESCRED AND TYPE CONTRACTOR AND TYPE		PR.	PROCUREMENT HISTORY		& PLANNING				DATE:		
THERE CORPES/BUDGET ACTIVITY AND TYPES THAN S2 MILLION (OTHER) THERE CONTRACTOR AND TYPES THERE CONTRACTOR AND TYPES THERE CONTRACTOR AND TYPES THERE CONTRACTOR AND TYPES THERE THERE CONTRACTOR AND TYPES THERE THE	APPROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NC	OMENCLATURE:				
TERM COMPACTOR CONTRACT TERM AND TYPE BY THEST OF THE STREET STR	PROCUREMENT, MARINE CO		¥	4		ITEMS LESS	THAN \$2 MIL	LION (OTHER	_		
EXITS & CHESTS VARIOUS VARIOUS C/FP USWC VARIOUS VAR	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
TADE REPAIR PACILITY CAFP TADE REPAIR PACILITY CAFP TANDE REPAIR PACILITY CAFP TANDE REPAIR PACILITY CAFP SYSCOM VARIOUS POWER SUPPLIES FY97	UNKNOWN	C/FPO	USMC	JAN97	VARIOUS	VARIOUS	1,001,000	YES	N/A	N/A	
ALIERATION, AND MAINTENANCE EQUIPMENT Only Cost column reflects total cost for items being purchased. * Funds are used to procure small quantities of electronic and PSY/Dimensional test equipment such as frequency standards, calibration workstations, precision measurement machines, and force calibrators. ELI NR. 463900 ITHEM NO. PAGE NO. THEM NO. PAGE NO. ST	TOOL SETS, KITS & CHE FY97	STS VARIOUS	C/FP	USMC	VARIOUS	VARIOUS	VARIOUS	299,000	YES	N/A	N/A
VARIOUS C/FP SYSCOM VARIOUS VARIOUS WARIOUS WARIOUS 936,000* YES C/FP SYSCOM VARIOUS WARIOUS 936,000* YES C/FP TO THE SYSCOM WARIOUS W	ELECTRONIC TMDE REPAI. FY97	R FACILITY VARIOUS	C/FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	341,000*		NO	N/A
Unit Cost column reflects total cost for items being purchased. * Funds are used to procure small quantities of electronic and PSY/Dimensional test equipment such as frequency standards, calibration workstations, precision measurement machines, and force calibrators. BLI NR. 463900 TIEM NO. PAGE NO. 57	TEST, CALIBRATION, AN FY97		MENT C/FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	*000'986		NO	N/A
Unit Cost column reflects total cost for items being purchased. * Funds are used to procure small quantities of electronic and PSY/Dimensional test equipment such as frequency standards, calibration workstations, precision measurement machines, and force calibrators. BLI NR. 463900 ITEM NO. PAGE NO.											
NR. 463900 P-1 SHOPPING LIST ITEM NO. PAGE NO. 57 - 3		Unit Cost column re * Funds are used to such as frequency s and force callbrate	eflects total procure smittandards, constructions	al cost for all quantit	items being ies of elec workstation	purchased. tronic and is, precisio	PSY/Dimensi	onal test en	quipment		
	NR.	463900			P-1 ITEM NO. 57	SHOPPING L	IST PAGE NO.			EXHIB	IT P-5A

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	BUDG	BUDGET ITEM JUSTIFICATION SHEET	CATION SHEET			DATE		
APPROPRIATION/BUDGET ACTIVITY:	II.			P-1 ITEM NOMENCLATURE:	CLATURE:			
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	NE CORPS/BUDGET A	CTIVITY	4		AIR OPERATIONS	AIR OPERATIONS C2 SYSTEMS ROLL-UP	LL-UP RCN:	
		FY 1995	FY 1996	FY 1997	FY 1998	FV 1999	FV 2000	TO 2001
C		0			0		1	- 1
COST (IN MILLIONS)	\$	\$ 0.0	\$ 0.0	5.	11.5	+	\$ 10.3 \$	15.8
THIS IS A ROLLED I	A ROLLED LINE CONSISTING OF THE FOLLOWING: FY 97	F THE FOLLOWING: FY 97	FY 98	FY 99	FY 00	FY 01		
TAOM	FY 1997-2001	5.304	10.918	2.858	9.728	8.638		
ADCP	FY 1997-2001	0.001	0.548	0.562	0.573	7.139		
TAOM - Tactical Ai ADCP - Air Defense	Tactical Air Operations Module Air Defense Communications Platform	ule						
BLI NR.	464000			P-1 SHOPPING LIST ITEM NO. PAGE	ING LIST			EXHIBIT P-40
				- 28				

D. DATE	QTY TOTAL COST	5304	(289)	5305	EXHIBIT P-5
JRER NAME STATE VARIOUS	FY 1997 UNIT COST				
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOUS	QTY TOTAL COST		(34)	0	
PULAR NAME S ROLL-UP	FY 1996 UNIT COST				
B. WEAPON MODEL/SERIES/POPULAR NAME AIR OPERATIONS C2 SYSTEMS ROLL-UP	QTY TOTAL COST			O LIGHT	PAGE NO.
B. WEAPON MOI AIR OPERATIC	FY 1995 UNIT COST			P-1 SHODDING 1.1Sm	ITEM NO.
TION/BUDGET LE/NO: MARINE CORPS ITY					
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORI BUDGET ACTIVITY 4					
	IDENT. CODE			464000	
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	TACTICAL AIR OPERATIONS MODULE (TAOM) AN/TYQ-23 (RCN 140034) AIR DEFENSE COMMUNICATIONS PLATFORM (ADCP) (RCN 149509)	Initial Spares	TOTAL COST BLI NR.	

13

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8.6 is an electronic tactical data system which, when supported with sensors, power FY 2001 AN/TYQ-23 (V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) 140034 supplemental enroute traffic control management, and data link to external agencies for real time exchange of tactical air data. ŝ 7.6 RCN: 1. The AN/TYQ-23 (V)1, Tactical Air Operations Module, is an electronic tactical data system which, when supported with sources, support equipment, and personnel, provides the US Marine Corps with the capabilities of integrated air defense, 2000 FY 3. These upgrades will open up the system architecture, provide an automated air tasking order capability, tactical missile defense, and a battle management facility. The open open architecture facilitates TADIL-J upgrade. 2.9 0 1999 This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and 2. This is a collection of efforts and an evolutionary acquisition strategy, encompassing ECPs and incorporation of COTS equipment into the existing TAOC platform. This initiative will upgrade the system to include Joint Tactical Data Links (TADIL-J), Sector Anti-Air Warfare Facility (SAAWF), operator console units, and the TPS-59 radar interface, representing four major elements. DATE FY £03 10.9 0 P-1 SHOPPING LIST I NO. PAGE NO. 1998 P-1 ITEM NOMENCLATURE: 6 FY ď 5.3 0 FY 1997 ITEM NO. 28 0.0 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 Four Tactical Air Operations Modules constitute one system. 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY v. APPROPRIATION/BUDGET ACTIVITY: 464000 COST (IN MILLIONS) BLI NR. QUANTITY

D. DATE	YTQ momyr cosm	2163	300 75 50	(289)	EXHIBIT P-5
RER NAME TATE SYSTEMS		2163			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION LITTON DATA SYSTEMS AGOURA HILLS. CA	QTY TOTAL COST				
OPERATIONS	FY 1996				
B. WEAPON MODEL/SERIES/POPULAR NAME AN/TVQ-23(V)1 TACTICAL AIR OPERATIONS MODULE (TAOM) (RCN 140034)	QTY TOTAL COST				Q
B. WEAPON MOD AN/TYQ-23(V)1 MODULE (TAOM)	FY 1995 UNIT COST				P-1 SHOPPING LIST ITEM NO. PAGE N 58 - 4
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE CORPS BUDGET ACTIVITY 4					
	IDENT.	S			464000
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	AN/TYQ-23(V)1 TACTICAL AIR OPERATIONS MODULE PRODUCT IMPROVEMENT PROGRAM OCU UPGRADE SECTOR ANTI-AIR WARFARE FACILITY (SAAWF) JTIDS INTEGRATION RADAR INTERFACE (TWD) GFE Repair Contractor Support Services (PRODUCTION) Hardware/Software Support	Engineering Change Proposals Post Deployment Software Support (MCTSSA) TAD IKP Training (Factory) Contractor Support Services (PIP)	Initial Spares	BLI NR.

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PROCUREMENT HISTORY & PLANNING	P-1 ITEM NOMENCLATURE:	7	CONTRACTED AWARD FIRST OTY COST NOW	SYSCOM Jan 97 May 98 1 2163000 YES NO		00 P-1 SHOPPING LIST EXHIBIT P-5A PAGE NO.
PROCUREN			CONTRACTOR CONTRACT AND METHOD LOCATION AND TYPE	Litton Data SystemsSSFFP Agoura Hills, CA		464000
	APPROPRIATION/BUDGET ACTIVITY:	PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		ocu Upgrade	REMARKS:	BLI NR.

1 OP 1 OCT NOV DEC JAN PEB HAR APR HAY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR APR HAY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR APR HAY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUN JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB HAR ARY JUL AVG SEP OCT NOV DEC JAN PEB											< <	FY TO AS OF 1 OCT OCT NOV DEC JAM FEB HAR AFR HAY JUN JUL AUG SEP	ACC BALL FISCAL YEAR, 96 FISCAL YEAR, 97 FISCAL YEAR, 97 FISCAL YEAR, 97 FISCAL YEAR, 97	208
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EXHIBIT P-40 FY 2001 COST (IN MILLIONS) | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.0 | \$ 0.5 | \$ 0.5 | \$ 0.6 | \$ 0.6 | \$ 0.6 | \$ 7 |

The Air Defense Communications Platform will provide data link and communications interface for air defense units to include SHORAD and HAWK units. Additionally, an interim Tactical Ballistic Missile Defense capability will be provided to HAWK. 149509 RCN: FY 2000 AIR DEFENSE COMMUNICATIONS PLATFORM FY 1999 DATE P-1 SHOPPING LIST ITEM NO. PAGE NO. FY 1998 P-1 ITEM NOMENCLATURE: 0 FY 1997 28 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FY 97: \$1K to keep the RCN line open. APPROPRIATION/BUDGET ACTIVITY: 464000 QUANTITY COST (IN MILLIONS) BLI NR.

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2001 142596 S RCN: 11.9 2000 FY Marine Enhancement Program (MEP) S 11.9 1999 DATE FΥ S 3,3 0 1998 P-1 ITEM NOMENCLATURE FY ŧ/> 7.7 0 FY 1997 3,3 BUDGET ITEM JUSTIFICATION SHEET 0 FY 1996 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: COST (IN MILLIONS) QUANTITY

(NDI) and commercially available items which can be quickly evaluated and fielded. This program is coordinated with the Army's survivability, enhancing safety and improving combat effectiveness. The emphasis of this program is on non-developmental items It focuses on equipment which will benefit the individual Marine by reducing the load, increasing The Marine Enhancement Program is a Congressionally initiated program started in FY90 which provides funding for low Soldier Enhancement Program and the Special Operations Command. low cost items. visibility,

Medium Machine Gun Tripod Lightweight (MMGT). A lightweight replacement for the M123 steel tripod and traversing and elevation (T&E) that have been in use since the days of the .30 caliber machine gun. Designed to lighten the load of the machine gun team by reducing the tripod and T&E mechanism by more than half.

Acquisition Objective (AO): 3692 = 71% AO This item is "Code B"

5200

5200 = 100% AO FY98-01:

Designed to lighten the load for the individual Marine The lighter tripod also enhances employment Heavy Machine Gun Lightweight Tripod (HMGT). A lightweight tripod to replace the M3 HMG tripod currently used by the M2 50 caliber Heavy Machine Gun (HMG) and the MK19 Grenade Machine Gun (GMG). Designed to lighten the load for the individual Ms by decreasing the weight at least 28lbs. Includes improving the machine gun Traverse & Elevation (T&E) mechanism. Will by decreasing the weight at least 281bs. Includes improving the machine gun Trave decrease gunner/crew response time and add service life by 20000 to 25000 rounds. of the M2 and the MK19.

6088 for entire Marine Corps; AO for MEP (infantry only) is 1406 Acquisition Objective (AO): 704 = 50% AO This item is "Code B"

1406 = 100% AO FY98-01:

(GMG). Will enhance the capabilities of the HMG platoon by giving them greater flexibility, accuracy, and lethality on the battlefield. Designed to attenuate recoil, improve accuracy, decrease gunner/crew response time, reduce logistical burden, and provide ammunition savings. Replaces the MK 64 cradle currently used to mount the M2 HMG and the MK 19 GMG. MK93 Dual Mount. Improved mounting system for both the M2 50 caliber Heavy Machine Gun (HMG) and the MK19 Grenade Machine Gun

6088 for entire Marine Corps; AO for MEP (infantry only) is 1406 Acquisition Objective (AO): 1406 = 100% AO This item is "Code A"

494000 BLI NR.

PAGE NO. P-1 SHOPPING LIST

ITEM NO 59

EXHIBIT P-40

142596 RCN: Marine Enhancement Program (MEP) DATE P-1 ITEM NOMENCLATURE BUDGET ITEM JUSTIFICATION SHEET PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY

Anti-terrorist Security Teams (FAST) of the Security Battalion, military police Special Response Teams (SRT), and the second ammunition, sight mount, and optical device), that will compliment the capabilities of the M40A1 Sniper Rifle (same caliber) better than the M16A2.

Designed to extend the range capabilities, add flexibility, and enhance survivability of Designated Marksmen of the Fleet Precision, semiautomatic, 7.62mm NATO weapon system (rifle, sniper of the Marine Corps two man Scout Sniper Team. Designated Marksman Rifle (DMR).

Acquisition Objective (AO): 197 = 34% AO 588 = 100% AO This item is "Code B" FY98-01: FY97:

It will be configured with low light level Joint Service Combat Shotgun. 12 gauge, semiautomatic, compact, lightweight weapon. It will be configured with low light level rifle-type sights and a surface which will mount current and developmental day and night sighting scopes. Will provide a common weapon for all the Services that will enhance the individual's combat effectiveness for use in the execution of special operations and security missions; substantial improvements in performance over existing shotguns in the area of supply, maintenance, and training support standardization; and increased levels of reliability and shooter confidence.

4815 Acquisition Objective (AO): FY97: 2557 = 53% AO 4815 = 100% AO This item is "Code B" FY98-01: P-1 SHOPPING LIST
ITEM NO. PAGE NO.

494000 BLI NR.

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	P.	ROCUREMENT	PROCUREMENT HISTORY & PLANNING	ANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:				P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVI	ITY	4		Marine Enha	Marine Enhancement Program (MEP)	ogram (MEP)	RCN:	142596	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD	DATE OF FIRST DELIVERY	YTQ	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
Medium Machine Gun Lightweight Tripod FY97	TBD	C/FFP	NSWC CRANE	Dec 96	Apr 97	3692	794	Yes	Ño	N/A
Heavy Machine Gun Lightweight Tripod FY97	TBD	C/FFP	NSWC CRANE	Feb 97	Jun 97	704	945	No	No	N/A
MK93 Dual Mount FY96	TBD	C/FFP	AARDC	May 96	Nov 96	1406	2368	Yes	No	N/A
Designated Marksman Rifle (DMR) FY97	TBD	TBD	SYSCOM	Oct 96	Mar 97	197	6647	Yes	No	N/A
Joint Service Combat Shotgun FY97	TBD	C/FFP	SYSCOM	Oct 96	Apr 97	2557	1091	Yes	No	N/A
					0.00					
					NAT or an annual control of the cont					
REMARKS:		=								
BLI NR.	494000			P-1 ITEM NO. 59	P-1 SHOPPING LIST PA	IST PAGE NO.			EXHIB	EXHIBIT P-5A

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APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE:	NCLATURE:		
PRIATION/BUDGET ACTIVITY: REMENT, MARINE CORPS/BUDGET ACTI			NCLATURE:		
	VITY 4	£4	זפמדמוו זומכיוודיום כמיי	Medium Machine Gun Lightweight Tripod (MMGT)	MMGT) RCN: 142596
CURRENT DEVELOPMENT AND TEST STATUS	TUS			SCHEDULE DATE	
		CURRENT	LAST REPORTED	REASON	IN FOR DELAY
Developmental Test & Evaluation (DT&E)	DT&E) Plan/Actual	May 96	Jun 95	Delay due to proble	Delay due to problems encountered with
Initial Operational Test & Evaluation (IOT&E)	tion (IOT&E) Plan/Actual	NA	NA	the material compos:	composition and load factors
Operational Test & Evaluation (OT&E)	(KE) Plan/Actual	May 96	Oct 95	associated with the tripod	
Available Date of Technical Data Package (TDP) Plan/Actual	Package (TDP) Plan/Actual	Aug 96	Nov 95		
or Performance Specifications					
ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	RVICE USE:	June 96			
EQUIPMENT ITEM(S) TO BE REPLACED:	M122 Tripod				
EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)	ENT ITEM(S) TO BE REPLACED	•	Weight Reduction of	E over 50%,	
DEVELOPMENT CONTRACT INFORMATION	(RDT&E Fundir	Funding Profile - \$	in Millions)		
CONTRACTOR NAME PLAI			THROUGH PY (FY1994)	CY (FY1995) BY	(FY1996) BEYOND BY
		V. V.		w w	₹\$\
		**			- 33-
		V.F		む	₩
		\$5		₹A-	w
TOTAL RDT&E FUNDING		₹S-	0	₩ 0	\$ 0
remarks:					
BLI NR. 494000		P-1 SHC ITEM NO.	SHOPPING LIST PAGE NO.		EXHIBIT P-19
		91			

	"CODE B" ITEM DESCRIPTION		DATE	
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ET ACTIVITY 4	P-1 ITEM NOMENCLATURE: Heavy Mac	NCLATURE: Heavy Machine Gun Lightweight Tripod (HMGT)	
1. CURRENT DEVELOPMENT AND TEST STATUS	EST STATUS		SCHEDULE DATE	RCN: 142596
		CURRENT LA	LAST REPORTED	REASON FOR DELAY
a. Developmental Test & Evaluation (DT&E) b. Initial Operational Test & Evaluation (IOT&E) c. Operational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP)	ation (DT&E) Evaluation (IOT&E) Plan/Actual Lion (OT&E) Plan/Actual Data Package (TDP) Plan/Actual	Nov 95 Mar 95 Apr 96 May 96		
· ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	FOR SERVICE USE:	Jun 96		
3. EQUIPMENT ITEM(S) TO BE REPLACED:	PLACED: M3 Tripod			
. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO	RQUIPMENT ITEM(S) TO BE REPLACED:		Weight reduction of over 50%,	
5. DEVELOPMENT CONTRACT INFORMATION	(RDT&E	Funding Profile - \$ in Mi	in Millions)	
CONTRACTOR NAME	PLANT LOCATION COM	COMPONENT	H PY (FY1994) CY (FY1995) BY (FY1996) REVOND RY
твр		w w w w w	w w w v	***********
TOTAL RDT&E FUNDING		* 40	× × 0	0
REMARKS:		***	-1	
BLI NR. 494000		P-1 SHOPPING LIST	LIST PAGE NO.	EXHIBIT P-19
		- 65	_	

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EXHIBIT P-19 BEYOND BY 142596 REASON FOR DELAY RCN: 0.15 0.15 BY (FY1996) 0.055 \$ SCHEDULE DATE 0.055 Designated Marksman Rifle (DMR) (FY1995) CY (FY1994) PAGE NO. LAST REPORTED (RDT&E Funding Profile - \$ in Millions) P-1 SHOPPING LIST THROUGH PY P-1 ITEM NOMENCLATURE: NA CURRENT Aug 95 NA Jul 96 Jun 95 ITEM NO. 23 Oct 96 COMPONENT EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S) TO BE REPLACED: Plan/Actual Plan/Actual Plan/Actual Available Date of Technical Data Package (TDP) Plan/Actual "CODE B" ITEM DESCRIPTION US Army None Developmental Test & Evaluation (DT&E) Initial Operational Test & Evaluation (IOT&E) PLANT LOCATION or Performance Specifications
ESTIMATED DATE OF APPROVAL FOR SERVICE USE: Aberdeen MD PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY CURRENT DEVELOPMENT AND TEST STATUS Operational Test & Evaluation (OT&E) EQUIPMENT ITEM(S) TO BE REPLACED: 5. DEVELOPMENT CONTRACT INFORMATION DMR is COTS/NDI APPROPRIATION/BUDGET ACTIVITY: 494000 US Army Combat Systems Test TOTAL RDT&E FUNDING CONTRACTOR NAME BLI NR. Activity REMARKS: a G O B

	"CODE B" ITEM DESCRIPTION	ESCRIPTION			DATE		
APPROPRIATION/BUDGET ACTIVITY:		Н	P-1 ITEM NOMENCLATURE:	WCLATURE:			
5	GET ACTIVITY	4	ני	Joint Combat Service Shotgun	ice Shotgun	RCN:	142596
1. CURRENT DEVELOPMENT AND TEST STATUS	TEST STATUS				SCHEDULE DATE		
			CURRENT	LAST REPORTED		PEACON FOD DELAY	1.50
							IWI
a. Developmental Test & Evaluation (DT&E)		Plan/Actual	Oct 95				
	(TOLENE)	Flan/Actual	NA				
c. Uperational Test & Evaluation (OT&E) d. Available Date of Technical Data Package (TDP) Plan/Actual or Performance Specifications	kage (TDP)	Plan/Actual Plan/Actual	Jul 96 Jun 95				
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	L FOR SERVICE USE:	0	Oct 96				
EQUIPMENT ITEM(S) TO BE REPLACED:		Current service	town in	the system			
5. DEVELOPMENT CONTRACT INFORMATION		(RDT&E Funding	Profile - \$	in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT		THROUGH PY (FY1994	(FY1995)	BY (FY1996)	BEYOND BY
US Army Combat Systems Test	Aberdeen MD U	US Army	₹Ø-		ts.	0.195	- 1
Activity			**		205		- 20
			\$		- 25		2
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TOTAL RDT&E FUNDING			100	0	\top	4 O 10E	n v
REMARKS:			-		1		
BLI NR. 494000			-1	SHOPPING LIST			EXHIBIT P-19
			ITEM NO.	PAGE NO.			
				0	_		

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PROGRAM NAME: MEP - MEDIUM MACHINE GUN TRIPOD (LIGHTWEIGHT)

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT:	924
DEPOT MAINTENANCE FLOAT:	152
TOTAL:	1076
INITIAL ISSUE	
I MARINE EXPEDITIONARY FORCE:	929
II MARINE EXPEDITIONARY FORCE:	965
III MARINE EXPEDITIONARY FORCE:	581
SELECTED MARINE CORPS RESERVE:	809
SUPPORT ESTABLISHMENT:	1041
NORWAY AIR LANDED BRIDGADE:	0
TOTAL:	4124
APPROVED ACCOUNTION OBJECTIVE	5200

1997 RECOMMENDED BUY - QUANTITY: 25.9 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0
0 \$ \$ 3692 0 \$ \$ 2.9 0 \$ 0.0 \$ 71.0 EY 1996 RECOMMENDED BUY - QUANTITY: \$ 0 FY 1997 RECOMMENDED BUY - QUANTITY: \$ 3692 FY 1997 RECOMMENDED BUY - QUANTITY: \$ 2.9
1996 RECOMMENDED BUY - QUANTITY: \$ 0 1997 RECOMMENDED BUY - QUANTITY: 3692 VALUE: \$ 2.9

PROGRAM NAME: HEAVY MACHINE GUN TRIPOD

SUSTAINMENT

REQUIREMENT:	AT:	
MATERIAL	NANCE FLOAT	TOTAL:
RESERVE 1	I MAINTENANCE	POT.
WAR	DEPOT	

654 0

654

INITIAL ISSUE

CE:	ORCE:	RVE:		••	
I MARINE EXPEDITIONARY FORCE:	III MARINE EXPEDITIONARY FORCE	SELECTED MARINE CORPS RESERVE:	SUPPORT ESTABLISHMENT:	NORWAY AIR LANDED BRIDGADE:	TOTAL:

1350 1366 675 690 1353 6088

APPROVED ACQUISITION OBJECTIVE

	ASSET DYN	DYNAMICS		DATE:	
TAMCN/DODIC: ACQUISITION OBJECTIVE:	E1115 1,406	ITEM NAME: F	Heavy Machine Gun I 142956	Lightweight Tripod	(HMGT)
244	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
*FY BUDGET *OTHER TOTAL		0	0	0	704
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0	0	0	
NET CHANGE (+/-)		0	0	0	704
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE					704
TOTAL \$M VALUE	0	\$	ο •	8	\$ 0.7
% A/O ON HAND/FUNDED	0	* 0	80	* 0	\$ 20 \$
COMMENTS:			FY 1996 RECOMMENDED BUY FY 1997 RECOMMENDED BUY	D BUY - QUANTITY: VALUE: D BUY - QUANTITY: VALUE:	\$ 704 ×
BLI NR. 494000		0.	SHOPPING LIST PAGE NO.		EXHIBIT P-20A
		80	7		

PROGRAM NAME: MK93 DUAL MOUNT

SUSTAINMENT

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WAR RESERVE MATERIAL REQUIREMENT DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIDGADE: TOTAL:

 APPROVED ACQUISITION OBJECTIVE

			7	DALE:	
			MK93 Dual Mount		
TAMCN/DODIC: ACQUISITION OBJECTIVE:	E0312	RCN:	142596		
	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
GAINS: *FY BUDGET *OTHER TOTAL		0	0	1406	0
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0	0	0	0
NET CHANGE (+/-)		0	0	1406	0
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE				1406	1406
TOTAL \$M:VALUE	0	0 8	0	\$ 3.3	\$ 3.3
% A/O ON HAND/FUNDED	% 0.0	8 0.0	8 0.0 %	100.0 %	100.0 %
COMMENTS:			FY 1996 RECOMMENDED BUY	D BUY - QUANTITY: VALUE: D BUY - QUANTITY: VALUE:	\$ 3.3 M 0 0 M
BLI NR. 494000		P-1 SHOI ITEM NO.	SHOPPING LIST PAGE NO.		EXHIBIT P-20A

PROGRAM NAME: DESIGNATED MARKSMANSHIP RIFLE

SUSTAINMENT

27
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134
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87

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	ASSEL DINAMICS	ITEM NAME:	DAIE: Designated Marksman Rifle	DAIE:	
TAMCN/DODIC: ACQUISTITION OBJECTIVE:	E0311 588				
. CALL	ENDING INVENTORY 30 SEP 1993	FY 1994	FY 1995	FY 1996	FY 1997
*FY BUDGET *OTHER TOTAL		0	0	0	197
LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL		0	0	0	0
NET CHANGE (+/-)		0	0	0	197
ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE					197
TOTAL \$M:VALUE	0	\$	0 \$	\$	\$ 1.3
% A/O ON HAND/FUNDED	0.0 %	0.0 %	0.0	0.0 %	34.0 %
COMMENTS:		FY	7 1996 RECOMMENDED BUY	BUY - QUANTITY: VALUE: BUY - QUANTITY: VALUE:	\$ 0 M
BLI NR. 494000		P-1 SHOPPING ITEM NO.	PAGE NO.		EXHIBIT P-20A

V.

PROGRAM NAME: JOINT COMBAT SHOTGUN

SUSTAINMENT

WAR RESERVE MATERIAL REQUIREMENT: DEPOT MAINTENANCE FLOAT: 830	ъ	I MARINE EXPEDITIONARY FORCE: II MARINE EXPEDITIONARY FORCE: III MARINE EXPEDITIONARY FORCE: SELECTED MARINE CORPS RESERVE: SUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIDGADE: TOTAL: 349 568 331 875 7985	ISITION OBJECTIVE
WAR RESERVE MATERIAL REQ DEPOT MAINTENANCE FLOAT: TOTAL:	INITIAL ISSUE	I MARINE EXPEDITIONARY FORCII MARINE EXPEDITIONARY FORIIL MARINE EXPEDITIONARY FOSELECTED MARINE CORPS RESERSUPPORT ESTABLISHMENT: NORWAY AIR LANDED BRIDGADE:	APPROVED ACOUISITION OBJECTIVE

: E.	Combat Shotgun 596	FY 1996 FY 1997 2557	0 0	0 2557	2557	\$ 2557	0.0 % 53.0	BUY - QUANTITY: 0 VALUE: \$ 0 BUY - QUANTITY: 2557 VALUE: \$ 2.8	FOC A BEATTING
DATE:	ITEM NAME: Joint Service Combat RCN: 142596	FY 1994 FY 1995		0 0		0 8	8 0.0 %	FY 1996 RECOMMENDED B FY 1997 RECOMMENDED B	D-1 CHODDING LICH
ASSET DYNAMICS	E1760 4,815	ENDING INVENTORY 30 SEP 1993				\$	8 0.0		
	TAMCN/DODIC: ACQUISITION OBJECTIVE:	GAINS: *FY BUDGET *OTHER TOTAL	LOSSES: *COMBAT USMC *COMBAT ALLIES *PEACETIME *WASHOUT *SALES *OTHER TOTAL	NET CHANGE (+/-)	ASSET POSITION: *STD SERVICEABLE *STD UNSERVICEABLE *SUB SERVICEABLE *SUB UNSERVICEABLE	TOTAL \$M VALUE	% A/O ON HAND/FUNDED	COMMENTS:	BLT ND 404000

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Heavy Machine Gun Lightweight Tripod (HHGT)	AT .	_					L 0 4	0	L04				-	-										-		<u> </u>										4				20	20 80	20	N O 4
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	MANUPACTURER'S NAME & LOCATION		ายก				BLI NR. 494000	

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	EA MC				r 4 6		F-4W			131	308	304		-					-				+	+	-	+-		-				_	+	+	+-			
Heavy Machine Gun Lightweight Tripod (HMCT)	S S			-	C 0 4	000	N 0 4	\$9	65 65	9	65	\$9	65	6					-				-	+-	-	-	-				+	+-	+		_			
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Designated Marksman Rifle (DMR) (Reserves)* TBD	EA MC				8 8	1 2	1	25 25	5 17	-				-			1						+-	+-	-	+-					+	+	-	+-	-			
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1TEH NO. PAGE NO.

0.0 FY 2001 145879 0.0 RCN: 0 2000 TEST, CALIBRATION & MAINTENANCE SUPPORT FY 0.0 1999 FY DATE \$ 0.0 0 FY 1998 P-1 ITEM NOMENCLATURE: Ś 0.0 0 FY 1997 BUDGET ITEM JUSTIFICATION SHEET 0.0 0 FY 1996 ₹Ø: 1.5 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: QUANTITY
COST (IN MILLIONS) \$

FUNDS ALLOCATED UNDER THIS LINE ARE UTILIZED TO PROCURE SMALL QUANTITIES OF TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT TO SUPPORT ITEMS OF EQUIPMENT AND TO PROCURE CALIBRATION STANDARDS AND GAUGES TO ENSURE THE ACCURACY OF MEASUREMENTS MADE BY THE OPERATING FORCES OF THE MARINE CORPS.

ALL ITEMS ARE CODE A.

P-1 SHOPPING LIST ITEM NO. PAGE NO.

495700

BLI NR.

09

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EXHIBIT P-40

D. DATE	QTY	TOTAL COST		0	EXHIBIT P-5
RER NAME TATE VARIOUS	FY 1997	OME COST			
C. MANUFACTURER NAME PLANT CITY/STATE LOCATION VARIOU	QTY TOTAL COST	1600 1600		0	
PULAR NAME NTENANCE 15879)	FY 1996				
B. WEAPON MODEL/SERIES/POPULAR NAME TEST, CALIBRATION, AND MAINTENANCE SUPPORT (RCN 145879)	QTY TOTAL COST	VARIOUS 617 VARIOUS 491	VARIOUS 386	1494	ING LIST PAGE NO.
B. WEAPON MO TEST, CALIBRA SUPPORT	FY 1995 UNIT COST				P-1 SHOPPING LIST ITEM NO. PAGE N
TION/BUDGET LE/NO: MARINE CORPS ITY 4	QTY TOTAL COST				
A. APPROPRIATION/BUDGET ACTIVITY TITLE/NO: PROCUREMENT, MARINE COR BUDGET ACTIVITY 4	UNIT COST				
	IDENT.	4 4	4		495700
WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM COST ELEMENTS	FMF TEST EQUIPMENT FMF CALIBRATION STANDARDS	DEPOT CALIBRATION STANDARDS	TOTAL COST	BLI NR.

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PROPRIATE PROCUREMENT PROPRIATE PROCUREMENT PROPRES PROPRES PROPRES PROCUREMENT PROPRES		Д	PROCUREMENT HISTORY	ઝ	PLANNING				DATE:		
C FP USMC VARIOUS VARIOUS VARIOUS VARIOUS SECTION & MAINTENANCE SUPPORT SPECS SPECS WITH STATE OF THE PPROPRIATION/BUDGET	ACTIVITY:				P-1 ITEM NC	MENCLATURE:					
E ITEM	ROCUREMENT, MARINE C	ORPS/BUDGET ACTIVI		4		TEST, CALIE	SRATION & MA		UPPORT RCN:	145879	
FY95 L. STANDARDS PHOUSE L. STANDARDS ALL STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE L. STANDARDS PHOSE P	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
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0.0 EXHIBIT P-40 FY 2001 147239 Antenna Coupler Group into lightweight, highly mobile shelters. Improved capabilities include automated interfaces to the Digital Communications Terminal (DCT), Advanced Tactical Air Command Central (ATACC), Position Location Reporting System (PLRS), Advanced Field Artillery Tactical Data Systems (AFATDS), and Tactical Combat Operations (TCO). Modifications programmed and budgeted under this line are for the purpose of correcting equipment deficiencies noted after new items are fielded or to increase operational capabilities of non-telecommunications end items previously fielded. RCN: 0.0 0 characteristics. Also included are TOW Sight modifications required to bring various configurations of the UAS-12 series The Direct Air FY 2000 This funding profile includes radar modifications which improve mean time between failure rates and enhance performance Support Central (DASC) Product Improvement Program (PIP) is a non-developmental effort which will incorporate selected automation and existing hardware from the AN/TSQ-155(V), Improved Direct Air Support Central (IDASC), and the OE-334 0.0 0 MODIFICATION KITS (NON-TEL) of sights into a single configuration and to provide countermeasure protection to gunners and equipment. 1999 DATE FY 0.0 0 PAGE NO. 1998 BEGIN FEB 95/END JUN 95 BEGIN MAY 95/END AUG 95 97 96 97 P-1 SHOPPING LIST P-1 ITEM NOMENCLATURE: BEGIN OCT 93/END SEP BEGIN OCT 95/END SEP Ĕζ BEGIN MAY 96/END MAY BEGIN OCT 95/END DEC S) 0.0 INSTALLATION FY 1997 ITEM NO. 9.1 c BUDGET ITEM JUSTIFICATION SHEET FY 97-01 PROCUREMENT FOR AN/TPS-59 AND IDASC PIP IN BLI 463600. FY 97-01 PROCUREMENT FOR TOW NIGHT SIGHT IN BLI 463800. FY 1996 INSTALLATION AGENT 5.1 0 CONTRACTOR FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY FIELD FIELD DEPOT FIELD FIELD APPROPRIATION/BUDGET ACTIVITY: 496900 AN/TPS-59 RADAR MOD (94) AN/TPS-59 RADAR MOD (95) TOW NIGHT SIGHT MOD (96) AN/TPS-63 SSTX MOD (96) COST (IN MILLIONS) BLI NR IDASC PIP IDASC PIP DUANTITY MOD

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BUDGET ITEM JUSTIFICATION SHEET	DATE	
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 4	P-1 ITEM NOMENCLATURE: MODIFICATION KITS (NON-TEL)	() RCN: 147239
MODELS OF SYSTEMS AFFECTED: MODIFICATION KITS (NON-TEL)	ITS (NON-TEL)	
MODIFICATION TITLE	(\$ IN MILLIONS) FY 1995 FY 1996	96
AN/TPS-59 ECPs	1.084	
AN/TPS-63 SSTX MOD	4.000	
TOW SIGHT MOD	0.084	4
DASC	9.058	α
TOTAL	5.084 9.142	
BLI NR. 496900	P-1 SHOPPING LIST FIEM NO. PAGE NO.	EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	WEAPON SYSTEM IDE	on Friend	SUBTOTAL AN/TPS-59	TOW SIGHT MOD PROGRAM	Installation Costs	SUBTOTAL TOW SIGHT	AN/TPS-63 ECP	SUBTOTAL AN/TPS-63		мэсц	
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PROCUREMENT, MARINE CORPS/BUDGET	RPS/BUDGET ACTIVITY	2	4			MODIFICATION	MODIFICATION KITS (NON-TEL)	I-TEL)		
								RCN:	147239	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RQRD	IF YES WHEN AVAIL
AN/TPS-59 IFF ECP/95	MM CORP SYRACUSE, NY	FP	SYSCOM	JAN 95	MAY 95	12	90,333	YES	NO	
AN/TPS-63 ECP/FY 95	WESTINGHOUSE ELEC	वस्य	SYSCOM	MAR 96	MAR 97	₽	4,000,000	NO	NO	
DASC (DOWNSIZING PIP) FY 96	NSWC CRANE IN	C/FFPO	NSWC CRANE	JAN 96	MAY 96	12	219,400	YES	NO	N/A
OE-334 (COMM) FY 96	NSWC CRANE IN	C/FFPO	NSWC CRANE	MAR 96	AUG 96	4	189,749	YES	NO	N/A
DASC AUTOMATION FY 96	NSWC CRANE IN	C/FFPO	SYSCOM	36 NUC	SEP 96	20	136,719	YES	NO	N/A
DASC VOICE COMM SYS FY 96	EASTERN COMPUTERS LORTON, VA	FFP	SYSCOM	36 NOC	SEP 96	29	82,188	YES	ON	N/A

496900

P-1 SHOPPING LIST ITEM NO.

61

PAGE NO.

EXHIBIT P-5A

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY 1. CURRENT DEVELOPMENT AND TEST STATUS TO THE REALINESS Devisor			31				
PROCUREMENT, MARINE CORPS/BUDGET 1. CURRENT DEVELOPMENT AND TEST TOST BERGINGS Perion			P-1 ITEM NO	ITEM NOMENCLATURE:			
:	ACTIVITY	4		MODIFICATION KITS	(NON-TEL)	AN/TPS-59 RA	RADAR SYSTEM RCN: 147239
	STATUS				SCHEDULE DA	DATE	
				CURRENT	A,I	LAST REPORTED	REASON FOR DELAY
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7 E(\text{Text}) C::0] "####################################		plan/Actual					
		Fian/Actual					
	on Audit	Plan/Actual					
Develop Te		Plan/Actual			Dec 95		
			Sep 96		Sep 96		
2. ESTIMATED DATE OF APPROVAL FOR SERVICE USE:	R SERVICE USE:		Sep 96				
3. EQUIPMENT ITEM(S) TO BE REPLACED:	CED:						
4. EXTENT OF IMPROVEMENT OVER EQUIPMENT ITEM(S)		TO BE REPLACED:	3:	INCREASED RECEIVER SENSITIVITY	/ER SENSITIVI	λ	
				IMFROVED KELLABILLIY REDUCED TRANSPORTATION REQUIREMENTS	LLLTY RATION REQUIF	REMENTS	
5. DEVELOPMENT CONTRACT INFORMATION	ION	(RDT&E Fundin	Funding Profile -	- \$ in Millions)			
CONTRACTOR NAME	PLANT LOCATION	COMPONENT	NENT	THROUGH PY (FY1994)	4) CY (FY1995)) BY (FY1996) BEYOND BY
MARTIN MARIETTA	SYRACUSE, NY			\$ 10.4	₹S-	w	\$ 3.6
PROGRAM SUPPORT	QUANTICO, VA			₩.	0 \$	۲.	5.
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TOTAL RDT&E FUNDING				\$ 10.4	· W		0.5 \$ 4.1
REMARKS: RED EFFORT FUNDED PRITHE IFF (IDENTIFICATION FRIEND OR FOE)		MARILY BY BALLISTIC MISSILE DEFENSE IS A COMPONENT OF THE TPS-59 MAJOR	ILE DEFENSE	E OFFICE. R SYSTEM MODIFICATION			
BT.T ND 406000			4	mort - Swarman			
				SHOPFING LIST. PAGE NO.			EXHIBIT P-19
			61	و -			

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

AN/TPS-59 ECPs/TMD UPGRADE

MODELS OF SYSTEMS AFFECTED:

AN/TPS-59 RADAR SYSTEM

DESCRIPTION/JUSTIFICATION:

This modification is to correct deficiencies identified by the fleet and procure minor improvements to the AN/TPS-59 radar set.

> MAJOR DEVELOPMENT MILESTONES: DEVELOPMENTAL STATUS/

TMD upgrade has CDR scheduled for 3rd Qtr FY94, DT/OT for 1st Qtr FY 96, and Milestone III Decision for 4th Qtr FY 96. The ECPs have been submitted and approved.

FINANCIAL PLAN: (\$ in Millions)

TOTAL OTY TO COMP OTY FY 2000 OTY FY 1999 20 OTY FY 1998 OTY FY 1997 OTY FY 1996 OTY FY 1995 OTY

PROCUREMENT

Install. Kits Nonrecurring Equipment Nonrecurring Installation Kits Kit Quantity Equipment

Engineering Change Orders Training Support Data

Support Equipment

Interim Contractor Support

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	FY 1995 OTX \$	FY 1996 OTY \$	FY 1997 OTY \$	FY 1998 OTY \$	FY 1999 OTX \$	FY 2000	TO COMP	OT YES	TOTAL
INSTALLATION OF HARDWARE									
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(FY 1996) Eqpt (Kits) (FY 1997) Eqpt (Kits)								00	0.000
1998) Eqpt (0	0.000
Eqpt (0	0.000
Eqpt (0	0.000
(TO COMP) Eqpt (Kits)								0	0.000
TOTAL INSTALLATION COST	0 0.000	0 0.000	000.00	0 0.000	0 0.000	000.000	0 0.000	0	0.000
TOTAL PROCUREMENT COST	1.084	0.000	0.000	0.000	0.000	0.000	0.000	0	1.084
METHOD OF IMPLEMENTATION:	ADMIN LEAD-TIME:	: MONTHS		PRODUCTION LEAD-TIME:	TIME:	MONTHS			

FY 1997 FY 1996 CONTRACT DATES:

FY 1997

FY 1996

INSTALLING SCHEDULE:

DELIVERY DATES:

FY 1998 FY 1999 FY 1997 FY 1996 FY 1995

TOTAL

FY 2000

INPUT

OUTPUT

INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

MODIFICATION KITS (NON-TEL)

MODELS OF SYSTEMS AFFECTED:

AN/TPS-63 RADAR SYSTEM ECP

DESCRIPTION/JUSTIFICATION:

THIS MODIFICATION IS TO CORRECT DEFICIENCIES IDENTIFIED BY THE FLEET AND PROCURE MINOR IMPROVEMENTS TO THE AN/TPS-63 RADAR SET.

> MAJOR DEVELOPMENT MILESTONES: DEVELOPMENTAL STATUS/

THE ECP'S HAVE BEEN SUBMITTED AND APPROVED.

FINANCIAL PLAN: (\$ in Millions)

TOTAL OTY TO COMP OTY FY 2000 OTY FY 1999 FY 1998 OTY FY 1997 OTY FY 1996 OTY FY 1995

PROCUREMENT

Installation Kits Install. Kits Nonrecurring Engineering Change Orders Equipment Nonrecurring Kit Quantity Equipment

Interim Contractor Support Training Support Support Equipment

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TOTAL	OTY
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INSTALLATION OF HARDWARE															
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TOTAL PROCUREMENT COST		4.000	0.	0.000	0.000		0.000	0	0.00.0	0	0.000	0.000	0	4.000	0
METHOD OF IMPLEMENTATION:	ADMIN I	ADMIN LEAD-TIME:	MON	MONTHS	PR	ODUCTIC	PRODUCTION LEAD-TIME:	IME:	W.	MONTHS					
CONTRACT DATES:		FY 1996			FY 1997	76									
DELIVERY DATES:		FY 1996			FY 1997	-26									
INSTALLING SCHEDULE:	FY 1995	FY 1996		FY 1997	FY 2	FY 1998	FY 1999		FY 2000	9 4	TOTAL				

EXHIBIT P-3A INDIVIDUAL MODIFICATION

OUTPUT INPUT



INDIVIDUAL MODIFICATION

MODIFICATION TITLE:

DIRECT AIR SUPPORT CENTRAL (DASC) PRODUCT IMPROVEMENT PROGRAM (PIP)

MODELS OF SYSTEMS AFFECTED:

OE-334 ANTENNA COUPLER GROUP AN/TSQ-155V IMPROVED DASC (IDASC)

DESCRIPTION/JUSTIFICATION:

Equipment procured under this effort will be modular and allow the system to be task organized and operated in the downsized AN/TSQ-155(V) and OE-334 Antenna Coupler Group shelters or external to the DASC operations shelters. Improved capabilities include automated interfaces to the DCT, ATACC, PLRS, AFATDS, and TCO.

> MAJOR DEVELOPMENT MILESTONES: DEVELOPMENTAL STATUS/

Prototype hardware and software will undergo analysis and modification at Marine Corps Tactical Systems Support Activity and Naval Surface Warfare Center, Crane, Indiana.

FINANCIAL PLAN: (\$ in Millions)

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Install. Kits Nonrecurring Interim Contractor Support Engineering Change Orders Equipment Nonrecurring Installation Kits Support Equipment Training Support Kit Quantity Equipment PROCUREMENT

8.509 0.106 0.075 0.368 65

0.000 8.509

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65

0.000 0.000

0.106 0.075

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EXHIBIT P-3A INDIVIDUAL MODIFICATION

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Kits) Kits) Kits) Kits) Kits) (FY 1997) Eqpt (FY 1998) Eqpt (FY 2000) Eqpt (TO COMP) Eqpt (FY 1995) Eqpt (FY 1996) Eqpt

Kits)

INSTALLATION OF HARDWARE

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Kits)

TOTAL PROCUREMENT COST

TOTAL INSTALLATION COST

PRODUCTION LEAD-TIME:

4 MONTHS

CONTRACT DATES:

DELIVERY DATES:

METHOD OF IMPLEMENTATION: Field Install

FY 1997 JAN 96 3 MONTHS ADMIN LEAD-TIME: FY 1996

MAY 96

FY 1997

FY 1996

FY 1998

FY 1996

FY 1995

FY 1999 FY 1997

FY 2000

INSTALLING SCHEDULE:

INPUT

OUTPUT

0.0 EXHIBIT P-40 ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT (TMDE) REPAIR FACILITY AND CALIBRATION AND TRANSFER STANDARDS.

THESE ITEMS ARE REQUIRED FOR THE SUPPORT OF GENERAL PURPOSE ELECTRONIC TEST EQUIPMENT (GPETE), SPECIAL PURPOSE TEST EQUIPMENT (SPTE), GENERAL PURPOSE MECHANICAL TEST EQUIPMENT (GPMTE), AND INFANTRY WEAPONS GAUGES USED TO MAINTAIN MARINE CORPS WEAPONS SYSTEMS. GLOBAL POSITIONING INTERFACE UNITS (GPSIU) THAT ALLOW THE POSITION LOCATION REPORTING SYSTEM (PLRS) REFERENCE UNITS TO INTERFACE WITH A GPS RECEIVER, GREATLY INCREASING THE MOBILITY OF THE PLRS NETWORK. FY 2001 VARIOUS THE ITEMS INCLUDED IN THIS LINE ARE: RCN: 0.0 FY 2000 FY 97-01 PROCUREMENT FOR ELECTRONIC TEST, MEASUREMENT, AND DIAGNOSTIC EQUIPMENT REPAIR FACILITY AND TEST, CALIBRATION AND MAINTENANCE SUPPORT LINES ARE IN BLI 463900. ITEMS LESS THAN \$2 MILLION (NON-TEL) 0.0 0 FY 1999 DATE 0.0 0 PAGE NO. FY 1998 THIS IS A ROLL UP LINE WHICH CONTAINS ITEMS FOR PROCUREMENT LESS THAN \$2 MILLION EACH. FY 94/95/99 PROCUREMENT FOR POSITION LOCATION REPORTING SYSTEM (PLRS) IS IN BLI 458800. P-1 SHOPPING LIST P-1 ITEM NOMENCLATURE £ 0.0 0 FY 1997 ITEM NO 62 FY 97-01 PROCUREMENT FOR AIR COMMUNICATIONS PLATFORM IS IN BLI 464000 3.4 \$ 0 BUDGET ITEM JUSTIFICATION SHEET 1996 FY s. 0.0 0 FY 1995 PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY APPROPRIATION/BUDGET ACTIVITY: 498400 COST (IN MILLIONS) BLI NR. QUANTITY

DENT. CODE A B B	CORPS TTEMS LESS THAN \$2 MILLION (NON-TEL) 4 CORPS TTEMS LESS THAN \$2 MILLION (NON-TEL) 10 CATION CORPS TOWN COST CORPS TOWN COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTROL COST CONTRO
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	PF	PROCUREMENT HISTORY	જ	PLANNING				DATE:		
APPROPRIATION/BUDGET ACTIVITY:	ACTIVITY:		1		P-1 ITEM NO	P-1 ITEM NOMENCLATURE:				
PROCUREMENT, MARINE CORPS/BUDGET ACTIVITY	ORPS/BUDGET ACTIVIT	- 1	4		ITEMS LESS	THAN \$2 MIL	ITEMS LESS THAN \$2 MILLION (NON-TEL)	EL) RCN:	VARIOUS	
LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD AND TYPE	CONTRACTED	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT	SPECS AVAIL NOW	SPEC REV RORD	IF YES WHEN AVAIL
ELECTRONIC TMDE REPAIR FACILITY	R FACILITY									
FY96	VARIOUS	C FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	*000'605	YES	N _O	N/A
TEST, CALIBRATION, AND MAINTENANCE	D MAINTENANCE SUPPORT	RT								
FY96	VARIOUS	C FP	SYSCOM	VARIOUS	VARIOUS	VARIOUS	940,000*	YES	NO	N/A
PLRS GPS INTERFACE UNIT	IT									
FY 96	UNKNOWN	C/FFP	SYSCOM	MAR 96	MAR 97	314	4,511	YES	NO.	N/A
REMARKS:	* AMOUNT INDICATED IS TOTAL COST. FUNDS ARE USED TO PROCURE SMALL OTYS OF ELECTRONIC PSY/DIMENSIONAL TEST EQUIPMENT SUCH AS FREQUENCY STANDARDS, CALIBRATION WORKSTATIONS, PRECISION MEASUREMENT MACHINES AND FORCE CALIBRATORS.	D IS TOTAL O	COST. FUNDS	ARE USED 1 S, CALIBRA1	O PROCURE SION WORKSTA	MALL QTYS OF TIONS, PREC	F ELECTRONIC	C PSY/D	IMENSION	IAL S AND
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BLI NR.	498400			P-1 ITEM NO.	SHOPPING LIST PA	IST PAGE NO.			EXHIB	EXHIBIT P-5A
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